

THE ANNUAL  
CONDITION OF IOWA'S  
COMMUNITY COLLEGES  
2013



COMMUNITY COLLEGES

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CONDITION OF IOWA'S  
COMMUNITY COLLEGES  
2013

IOWA DEPARTMENT OF EDUCATION  
DIVISION OF COMMUNITY COLLEGES



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# ACKNOWLEDGMENTS

Many people have contributed to *The Annual Condition of Iowa's Community Colleges: 2013*. The project was supervised by Jeremy Varner and Kent Farver. The report was compiled and written by Vladimir Bassis, Monte Burroughs, Tom Cooley, Kent Farver, Alex Harris and Geoffrey Jones assisted in the compilation of data.

In addition to those mentioned above, several people edited part or all of this document and provided invaluable feedback and help with layout: Rebecca Griglione, Trudie Percy, Eric St Clair and Stephanie Weeks.

# Preface

The mission of the community colleges of Iowa in the 21st century is to provide exemplary educational and community services to meet the needs and enhance the lives of Iowans. [2]

Iowa's 15 community colleges, in accordance with Iowa Code §260C.1 [1], offer comprehensive programs including arts and sciences, college transfer courses, career and technical education programs, training and retraining programs for the workforce of Iowa's businesses and industries, and a variety of adult education and non-credit courses for residents within each community college district.

Iowa Code §260C.1 [1] mandates development of a statewide strategic plan for community colleges. Specific goals include:

- Demonstrating effectiveness and efficiency for achieving the system mission.
- Providing high quality comprehensive educational programs and services accessible to all Iowans.
- Developing highly skilled workers to meet the demands of Iowa's changing economy.
- Maximizing institutional resources to assure provision of comprehensive community college services.
- Recruiting, enrolling, retaining, and/or graduating persons of underrepresented groups.

Since 1998, the Management Information System (MIS) group of the Division of Community Colleges has been responsible for compiling and publishing *The Annual Condition of Iowa's Community Colleges*, commonly known as the condition report. The intent of this report is to help policymakers, governing entities, and community college officials make data-driven decisions on issues pertaining to Iowa's public community colleges.

Without the condition report, establishing points of reference for such decisions would be difficult. Policymakers would be at risk of relying upon inadequate or incomplete data to make decisions affecting community colleges, decisions which could yield adverse, unintended consequences. Staff members bring to this project a wide array of expertise in areas such as accounting, information technology, educational research, evaluation, public policy analysis, and statistics. The breadth and depth of our collective expertise uniquely qualify the MIS section to produce this report.

The condition report describes and addresses key in-

dicators associated with public community colleges within the state of Iowa. Some indicators covered in this report include demographics, enrollment in credit and non-credit courses, credit and contact hours, human resources, adult literacy, tuition and fees, and summary financial data. These indicators provide a snapshot of institutional effectiveness for a given fiscal year.

Primary data sources for the condition report are each of the 15 public community colleges in Iowa. Every August, community colleges transmit data to the Department of Education. Upon receipt, MIS staff members review the data for discrepancies, then return summary reports to confirm accuracy. After confirmation, data files are aggregated for analysis and subsequent reporting. Objective findings lend credence and transparency to this project, and guide policymakers as they make informed decisions about community colleges.

A variety of people will read this document, and individuals' objectives and familiarity with the condition report's purpose will differ. Therefore, the condition report is designed to give policymakers at the state and local levels a clear, objective understanding of essential indicators. Furthermore, researchers, analysts, and college officials will want documentation about the methodology for certain indicators. See appendix A for more details.

The body of the condition report emphasizes tables of summary data that provide snapshots of key indicators. Readers should study the narrative of each section to understand its content. These narratives help readers understand indicators cited throughout this document. Figures depict trends and changes over time, especially when those trends occur in areas critical to the mission of community colleges. Basic demographic data can help readers understand student populations served by a given college. Such information depicts relevant aspects of a college's outreach (i.e., whom the college serves) and provides additional context for the reported indicators.

Best practices associated with using the condition report suggest integrating information from its various parts. Readers making judgments about any particular college should especially pay attention to trends and enrollment demographics. Focusing upon only selected indicators will provide an incomplete appraisal of a college, which may lead one to make unfair judgments about that college. Consequently, users of this document should maintain a holistic point of view when making inferences or communicating particular aspects about the

condition report to their respective constituencies.

The MIS group has continued to implement various data improvements that are virtually impossible to complete within a narrow time frame. The 2013 edition of the condition report contains numerous changes to past data as well as new data for the most recent fiscal year. For this reason, analysts should rely primarily upon the latest edition of the condition report instead of data from prior editions.

Shortly after publishing the 2012 edition of the condition report, MIS staff critiqued it. Upon reflection, the staff decided to include two new components to the 2013 edition of the condition report: this preface and a methods section. This preface was added to reinvigorate interest in the condition report. Adding a methods section, critically important to researchers, promotes transparency, accountability, and replication. We hope you find the 2013 edition of the condition report useful and informative.

## References

- [1] Iowa Code §260C.1 (2013).
- [2] Iowa Department of Education. *Shaping the future: A five-year plan for Iowa's system of community colleges*. Division of Community Colleges, 2001.

# 1

## IOWA'S COMMUNITY COLLEGES

*“The mission of the community colleges of Iowa in the 21<sup>st</sup> century is to provide exemplary educational and community services to meet the needs and enhance the lives of Iowans.”*

SOURCE: “Shaping the Future: A Five-Year Plan for the Community Colleges of Iowa, 2006-2011”

Community colleges have an “open door” policy, which means that nearly everyone who applies may be accepted.

Each of the 15 community colleges offers comprehensive programs including arts and sciences, college transfer (parallel) courses, career and technical education programs, training and retraining programs for the workforce of Iowa’s businesses and industries, and a variety of adult education and non-credit courses for residents of each community college district.

### **History of Iowa’s Community Colleges**

Mason City schools established the first two-year postsecondary educational institution in Iowa in 1918. At the time this junior college was organized, there was no law authorizing two-year postsecondary educational programs. Mason City Junior College proved to be successful and was accredited by the North Central Association of Colleges and Schools in 1919.

Additional public junior colleges were organized beginning in 1920, and the movement spread rapidly, until, by 1930, at least 32 towns and cities in Iowa had organized public junior colleges as part of their public school systems.

In 1927, the 42nd General Assembly passed the first law authorizing the establishment of public junior colleges. The law permitted the establishment of schools offering instructional programs at a level higher than an approved four-year high school course. The colleges had to be dually authorized by the voters and approved by the State Superintendent of the Iowa Department of Public Instruction (now the Director of the Iowa Department of Education). Such colleges were able to include postsecondary courses of one or two years. The Superintendent was authorized to prepare standards and to provide adequate inspection of these junior colleges.

The Iowa public junior college movement reached its crest in 1927 when nine public junior colleges were

organized. After the year 1930, no public junior colleges were organized until 1946, when Clinton Junior College was founded. In 1931, the 44th General Assembly approved the first restriction to the development of public junior colleges, prohibiting the establishment of a public junior college in any school district having a population of less than 20,000. The 49th General Assembly in 1941 reduced the population requirement to 5,000.

Between the years 1918 and 1953, a total of 35 different public junior colleges were established through the operation of public school districts. Some of these colleges closed, although 10 of the closed colleges later reopened. The enrollment trend steadily increased over the years with the exception of the World War II years. During the 1955-66 decade, which immediately preceded the initiation of a community college system, enrollment almost quadrupled. By 1965, 16 public junior colleges were operating in Iowa and the total enrollment during the fall semester of the 1965-66 school year was 9,110. Local public school districts operated colleges; a dean who reported directly to the local superintendent administered each. These institutions offered arts and sciences programs equivalent to the first two years of the baccalaureate program and a limited number of occupational programs and adult education opportunities.

In 1958, Congress initiated a development parallel to the public junior college movement. Title VIII of the National Defense Education Act (NDEA) made federal funds available to states on a matching basis to develop area vocational programs. To implement this legislation, the Iowa State Board of Education modified the state vocational education plan to make local school districts and Iowa State University eligible to operate as “area schools.” This legislation included a specific allocation of funds to develop area vocational programs under NDEA’s Title VIII, a designation of area vocational-technical high schools, and the authorization for tuition-paying students to attend these schools and programs.

The Iowa State Board of Education eventually designated a total of 15 schools as area vocational-technical high schools. These schools were also designated as area schools for the purposes of Title VIII, and were to be used to initiate programming for the Manpower Development and Training Act. A total of 1,816 full-time day students enrolled in postsecondary vocational programs for the 1965-66 school year; the majority entered programs administered by agencies operating the area vocational-technical high schools or programs.

Even though public junior colleges and area vocational-technical high schools offered some opportunities for arts and sciences and preparatory vocational education, enrollment opportunities were limited for most Iowans. In 1959, the 58th General Assembly appropriated \$25,000 to the Iowa Legislative Research Bureau to conduct a policy study of the needs of higher education in Iowa. Included in this report was a recommendation to establish regional community colleges. The report also recommended the state pay at least half the cost of building and operating these colleges. As a result of this study, the General Assembly directed the Iowa Department of Public Instruction to conduct a two-year study of the need to develop a statewide system of public community colleges.

The Iowa Department of Public Instruction submitted its report, "Education Beyond High School Age: The Community College," to the General Assembly in December 1962. The report made recommendations and proposed enabling legislation. It recommended restructuring the county educational system and forming 16 area education districts whose boundaries should be drawn along existing school district lines. These districts were intended to replace the county boards of education and provide programs and services that would complement those provided by local school districts. It was envisioned that the area districts would also serve as a legal structure through which a statewide system of community colleges could be developed.

In 1963, the 60th General Assembly took no action on the report. An interim legislative committee concluded that it would be appropriate to put vocational and two-year college education together in a single comprehensive system, but separated the county board consolidation issue (area education agencies were later established by the legislature in 1974). Staff of the Iowa Department of Public Instruction worked closely with various groups throughout the state, and arrived at conclusions similar to those of the interim committee. Passage of the Vocational Education Act of 1963 provided additional impetus to this planning.

After receiving the interim committee's report in 1964, the 61st General Assembly in 1965 enacted legislation that permitted the development of a

statewide system of two-year postsecondary educational institutions, identified as "merged area schools." The Iowa Department of Public Instruction was to direct the operation of the development of merged area schools as either area community colleges or area vocational schools.

Legislation authorizing merged area schools, which are now referred to as "community colleges," provided for fiscal support for these institutions through a combination of student tuition and federal, state, and local funds. These resources included a local three-quarter mill levy on the property within the merged area for operational purposes, and an additional three-quarter mill levy for the purchase of sites and construction of buildings. State general aid was distributed to community colleges on the basis of \$2.25 per day for the average daily enrollment of full-time equivalent students who were residents of Iowa. The 63rd General Assembly changed this formula in 1969 to determine enrollment and state aid on the basis of actual contact hours of instruction. Individual colleges were granted authority to establish tuition rates, except that tuition was not to exceed the lowest tuition rate charged by any one of Iowa's three public universities.

Legislation approved in 1965 was enthusiastically received. The Iowa Department of Public Instruction received the first plan for a community college on July 5, 1965; one day after the legislation was effective. Plans for the other community colleges followed in quick succession. Although the original plans called for 20 areas, the number was quickly reduced to 16 and later one area was split among adjacent areas. Fourteen (14) community colleges were approved and organized in 1966, and a 15th in January 1967. Fourteen (14) of these community colleges began operation during the 1966-67 school year.

Seven (7) districts were originally approved as Area Community Colleges: (current names)

- North Iowa Area Community College
- Iowa Lakes Community College
- Iowa Central Community College
- Iowa Valley Community College District
- Eastern Iowa Community College
- Des Moines Area Community College
- Southeastern Community College

Eight (8) were approved as Area Vocational Schools: (current names)

- Northeast Iowa Community College
- Northwest Iowa Community College
- Hawkeye Community College
- Kirkwood Community College
- Western Iowa Tech Community College
- Iowa Western Community College
- Southwestern Community College
- Indian Hills Community College

By July 1970, all of the area vocational-technical high schools and junior colleges had either merged into the new system or were discontinued. All areas of the state were included in community college service areas by July 1971.

The community colleges and area vocational schools grew quickly, both in terms of students served and services offered. In 1983, the Iowa Industrial New Jobs Training Act was established by the legislature adding contracted customized job training to the community colleges' list of services. Other job training programs followed, further expanding the role of community colleges in economic development. Currently, all 15 operate as comprehensive community colleges, offering arts and science (college transfer), vocational preparatory, and adult and continuing education programs. In 1987, Hawkeye Community College, the final Iowa college operating as a vocational school, received approval to operate as a comprehensive community college.

In 1989, the 73rd General Assembly passed Senate File 449, requiring that secondary vocational programs be competency-based, and that the competencies be articulated with postsecondary vocational education. This resulted in increased cooperation between local education agencies and the community colleges and a growth in programs in which high school students are awarded college credit for coursework completed in these articulated programs. The Postsecondary Enrollment Options Act of 1989 and later supplemental weighting allowed high school students to jointly enroll in college credit courses in significantly greater numbers.

In the late 1990s, the majority of community colleges expanded their role in workforce development by becoming Workforce Investment Act primary service providers and housing one-stop centers.

In 1999, the 78th General Assembly passed House File 680 mandating the Department of Education convene a committee to identify and study options for restructuring the governance of Iowa's community colleges. The committee's final report, which was submitted to the legislature in December 1999, reaffirmed the existing governance structure of Iowa's community colleges, with locally elected boards of directors and the State Board of Education with responsibility for statewide oversight and coordination. The study recommended the development of a statewide strategic plan for the system of community colleges.

House File 2433 mandates the development of a statewide strategic plan for the statewide system of community colleges every five years. The first plan was approved by the Iowa Association of Community College Presidents, the Iowa Association of Community College Trustees, and the State Board of Education, and forwarded to the legislature by July 2001. Specific goals included:

1. Provide high quality, comprehensive educational programs and services accessible to all Iowans.
2. Develop high-skilled workers to meet the demands of Iowa's changing economy.
3. Maximize financial and human resources to assure provision of comprehensive community college services to Iowans and to allow Iowa to compete on a national and international level.
4. Demonstrate effectiveness and efficiency for achieving the system mission and goals.

In January 2003, the State Board of Education amended the Community College Strategic Plan to include a fifth goal:

5. Recruit, enroll, retain, and/or graduate persons of underrepresented groups (i.e., gender, race/ethnicity, socioeconomic status) in all programs.

Within six months of implementing House File 2433, a progress report was published summarizing statewide and local community college responses to the five-year plan, "Shaping the Future." Annual progress reports are compiled by the Iowa Department of Education and presented to the State Board of Education. In spring 2006, the State Board of Education approved the second five-year statewide community college strategic plan. The following August, the State Board of Education approved performance measures for the plan. Baseline data on each of the measures was reviewed. An annual report is provided to the State Board of Education on these performance measures.

### **Iowa Code**

The statement of policy describing the educational opportunities and services to be provided by community colleges is included in Section 260C.1 of the Iowa Code. This statement of policy identifies the following as services that should be included in a community college's mission.

- The first two years of college work, including pre-professional education.
- Vocational and technical training.
- Programs for in-service training and retraining of workers.
- Programs for high school completion for students of post-high school age.
- Programs for all students of high school age who may best serve themselves by enrolling in vocational and technical training, while also enrolled in a local high school, public or private.

- Programs for students of high school age that provide advanced college placement courses not taught at a student's high school while the student is also enrolled in the high school.
- Student personnel services.
- Community services.
- Vocational education for persons who have academic, socioeconomic, or other handicaps that prevent succeeding in regular vocational education programs.
- Training, retraining, and all necessary preparation for productive employment of all citizens.

**Area 1 (NICC)**

Northeast Iowa Community College  
Administrative Center  
Box 400  
Calmar, Iowa 52132

**Area 2 (NIACC)**

North Iowa Area Community College  
Administrative Center  
500 College Drive  
Mason City, Iowa 50401

**Area 3 (ILCC)**

Iowa Lakes Community College  
Administrative Center  
19 South 7<sup>th</sup> Street  
Estherville, Iowa 51334

**Area 4 (NCC)**

Northwest Iowa Community College  
Administrative Center  
603 West Park Street  
Sheldon, Iowa 51201-1046

**Area 5 (ICCC)**

Iowa Central Community College  
Administrative Center  
330 Avenue M  
Fort Dodge, Iowa 50501

**Area 6 (IVCCD)**

Iowa Valley Community College District  
Administrative Center  
3702 South Center Street  
Marshalltown, Iowa 50158

**Area 7 (HCC)**

Hawkeye Community College  
Administrative Center  
1501 East Orange Road, Box 8015  
Waterloo, Iowa 50704

**Area 9 (EICC)**

Eastern Iowa Community College  
Administrative Center  
306 West River Road  
Davenport, Iowa 52801

- Vocational and technical training for persons who are not enrolled in a high school and who have not completed high school.
- Developmental education for persons who are academically or personally underprepared to succeed in their program of study.

In 2006, the Iowa Department of Education created a book entitled, *Forty Years of Growth and Achievement: A History of Iowa's Community Colleges*, which details the statewide, institutional history of the community colleges. For more information on the history of Iowa's community colleges, see this publication.

**Area 10 (KCC)**

Kirkwood Community College  
Administrative Center  
6301 Kirkwood Blvd., S.W., Box 2068  
Cedar Rapids, Iowa 52406-2068

**Area 11 (DMACC)**

Des Moines Area Community College  
Administrative Center  
2006 South Ankeny Blvd.  
Ankeny, Iowa 50021

**Area 12 (WITCC)**

Western Iowa Tech Community College  
Administrative Center  
4647 Stone Avenue, Box 5199  
Sioux City, Iowa 51102-5199

**Area 13 (IWCC)**

Iowa Western Community College  
Administrative Center  
2700 College Road, Box 4-C  
Council Bluffs, Iowa 51502-3004

**Area 14 (SWCC)**

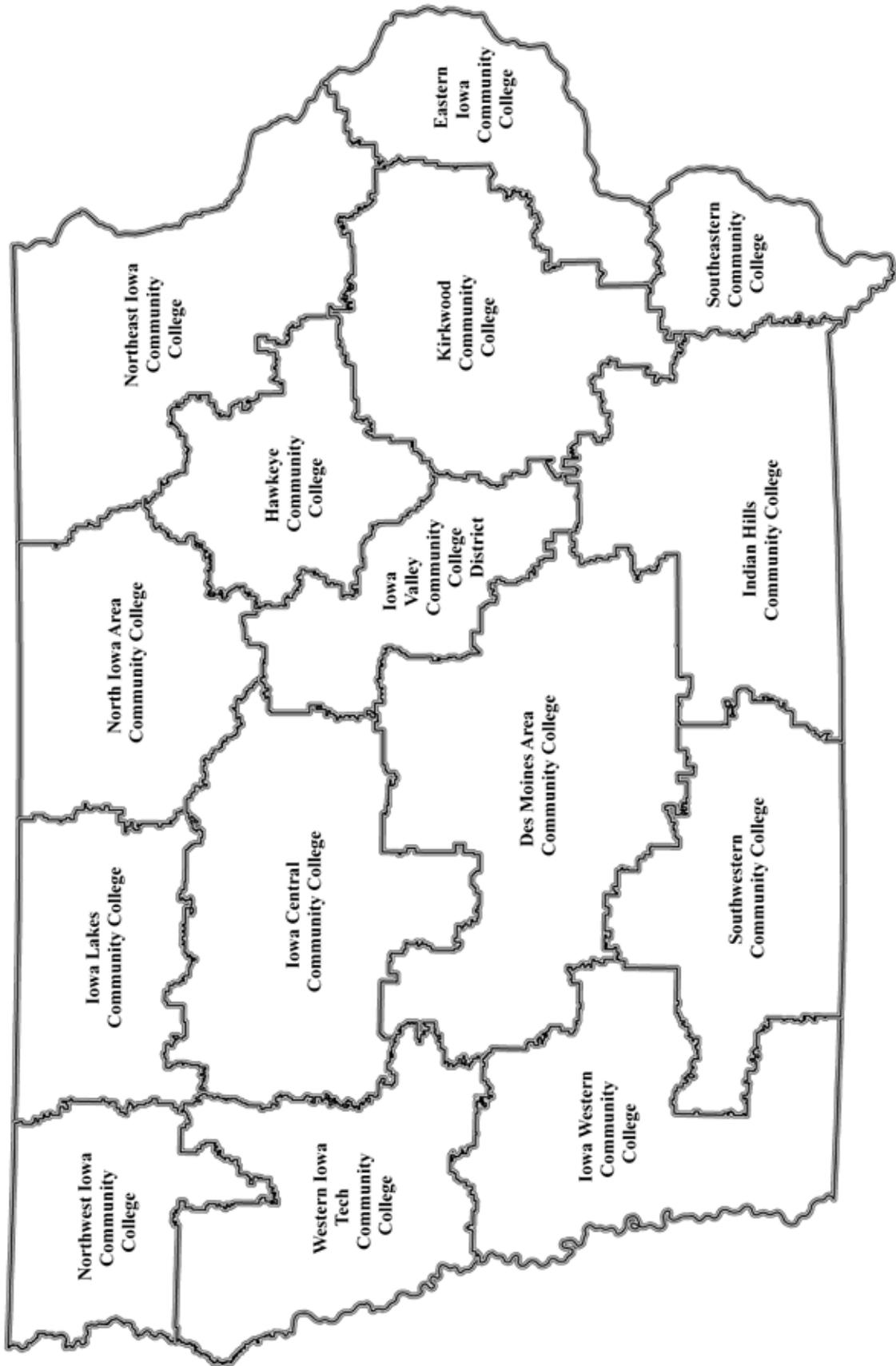
Southwestern Community College  
Administrative Center  
1501 West Townline Street  
Creston, Iowa 50801

**Area 15 (IHCC)**

Indian Hills Community College  
Administrative Center  
525 Grandview Avenue  
Ottumwa, Iowa 52501

**Area 16 (SCC)**

Southeastern Community College  
Administrative Center  
1015 South Gear Avenue, Box 180  
West Burlington, Iowa 52655-0180





# 2

## Fall Enrollment

Each fall, the Iowa Department of Education collects enrollment data from Iowa’s community colleges. Data for this section were derived from the 2013-14 academic year (fiscal year 2014). Refer to the latest edition of the *Fall Enrollment Report* for more detailed information.

### Student Demographics

Last fall, 51,659 females accounted for almost 55 percent of all students. Figure 2-1 displays the percentages of females enrolled in community colleges in Iowa and neighboring states. Nationally, about 61 percent of students are females. The average age of all students was 22 years, and the median age was 19 years. The national average age was 29 years.

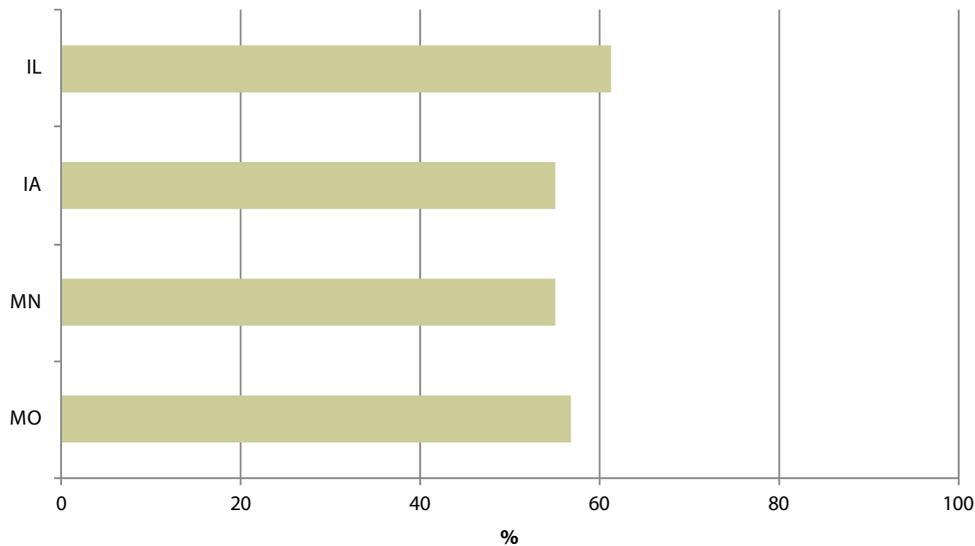
Whites accounted for 73,018 students (77.5 percent). Black students were the second largest racial/ethnic group (6.3 percent), followed by Hispanics (5.6 percent), and Asian/Pacific Islanders (2.1 percent). This fall, slightly more than 16 percent of community college stu-

FALL 2013 ENROLLMENT	
FALL ENROLLMENT:	CHANGE SINCE FALL 2012:
<b>94,234</b>	<b>-6.25%</b>
CREDIT HOURS:	AVERAGE:
<b>872,744</b>	<b>9.34</b>
Down 7.5% from 2012	Decreased 0.08 hours from 2012

dents identified themselves as minorities, compared to about 15 percent last fall. Nationally, Whites accounted for 68 percent of community college students; Blacks, 27 percent; Asians and Hispanics, 1 percent each.

An overwhelming majority of students (91 percent) were residents of Iowa. Domestic out-of-state residents accounted for almost 8 percent of enrolled students. Foreign students and students with unknown residency status accounted for the balance.

**Figure 2-1: Fall enrollment percentages of females in Iowa and neighboring states**



Sources: Illinois Community College Board; Minnesota State Colleges and Universities; Missouri Department of Higher Education  
 Note: Most recent time period of comparable data for all states is fall 2012.

## Credit Enrollment

Fall enrollment for 2013 was 94,234 students, a 6.3 percent decline from fall 2012. Table 2-1 displays enrollment figures for the latest five years.

Enrollment fell at 10 of the 15 community colleges. More students were enrolled on a part-time basis than were enrolled on a full-time basis. Students enrolled part-time accounted for 57 percent of total fall enrollment, compared to about 56 percent last fall. The fall

enrollment of full-time students fell from 44,024 (43.8 percent) last fall to 40,213 (42.7 percent) this fall, an 8.7 percent decline, while the fall enrollment of part-time students dropped 4.4 percent, from 56,495 students last fall to 54,021 students this fall.

Although overall fall enrollment has increased 6.9 percent since fall 2008, it has declined 11.6 percent since fall 2010, when a record-breaking 106,597 students enrolled. This downward trend is predicted to continue until fall enrollment returns to pre-2009 levels.

**Table 2-1: Five-year trend of fall enrollment**

Fall	Total	Full-Time (%)	Part-Time (%)
2009	100,736	47.8	52.2
2010	106,597	48.0	52.0
2011	105,975	46.0	51.8
2012	100,519	43.8	56.2
2013	94,234	42.7	57.3

## Credit Hours

Each credit hour represents at least 800 minutes of scheduled time for a classroom course; at least 1,600 minutes for a laboratory course; at least 2,400 minutes for clinical work; or at least 3,200 minutes of work experience. Typically, classes at community colleges vary between three and six credit hours. A full-time student must take at least 12 credit hours per semester, which corresponds to 9,600 classroom minutes per semester.

Table 2-2 depicts total enrolled credit hours since fall

2009. With an enrollment of 872,744 credit hours, fall 2013 marked the third consecutive year of declining enrollment, down 7.0 percent from last fall. The increase in the number of part-time students suggests students who attended community colleges in the fall of 2013 were enrolled in fewer hours.

Students were enrolled in an average of 9.26 credit hours during fall 2013, a slight decrease from fall 2012. The course load among full-time students, however, remained unchanged from fall 2012, averaging 13.8 credit hours.

**Table 2-2: Five-year trend of fall credit hours**

Fall	Total	Full-Time (%) <sup>a</sup>	Part-Time (%) <sup>b</sup>
2009	966,947	69.5	30.5
2010	1,026,136	69.1	30.9
2011	1,006,101	67.2	32.8
2012	938,456	65.5	34.5
2013	872,744	64.6	33.3

<sup>a</sup> Percentage of credit hours attributed to full-time students.

<sup>b</sup> Percentage of credit hours attributed to part-time students.

## Program Type

Community college programs typically fall into one of three categories: college parallel; career and technical education (CTE); and college parallel/career option.

College parallel programs, which prepare students for matriculation to a four-year university, accounted for 61,866 (65.7 percent) students in 2013, compared to 65,764 students in 2012.

College parallel/career option programs, which prepare students for matriculation to a four-year university or entry into a career field, accounted for 3,403 students (3.6 percent), 1,144 fewer students than last year. Phasing out Associate of Science Career Option programs has contributed to the decline in student enrollment.

CTE programs, which prepare students for the workforce, accounted for 28,876 students (30.6 percent), 1,259 fewer students than last year.

## Career Clusters

The Iowa Department of Education categorizes CTE programs into 16 occupational categories, following the National Career Clusters Framework. Each major aligns to a category with other similar programs.

Enrollment in CTE programs can be divided into specific areas of study. Health science remains the largest occupational category within community colleges, followed by business management and administration, and manufacturing.

Health science enrollment fell 8.9 percent from 12,851 students last fall to 11,704 students this fall. Business management and administration fell 8.6 percent during the same time period, from 4,440 students to 4,059 students. Fall enrollment in the manufacturing category, on the other hand, increased 10.6 percent from 2,616 students last fall to 2,893 students this fall.

## Enrollment Projections

Last fall, 92,138–102,178 students were projected to enroll in Iowa’s community colleges. The actual fall enrollment for 2013 was 94,234 students.

Next fall, 89,804–98,120 students are projected to enroll in Iowa’s community colleges. Factors affecting enrollment include a paradigm shift toward non-linear education among postsecondary students, declining populations in rural communities, and costs associated with postsecondary education.



# 3

## FISCAL YEAR CREDIT ENROLLMENT AND DEMOGRAPHICS

Fiscal year credit enrollment follows students through the 2012-2013 academic year. Courses are counted each time a student takes a course, while headcount only includes a student once. Although enrollment dropped, the composition of community college students remained relatively the same.

Student enrollment decreased in 2013 to 145,388 students, which was a 4.6 percent enrollment decline since the prior year. This enrollment decline continues the trend started in 2012. However, between 2009 and 2013, enrollment increased an average of 2.2 percent each year (Figure 3-1).

Credit hours have also declined for the second time since 1999 at an even greater rate this past year to 2,073,559 hours, a 5.9 percent decrease since the prior year. This decrease in credit hours demonstrates a smaller number of courses taken by a student this year. Over the entire fiscal year 2013, students enrolled in an average of 14.3 credit hours (Figure 3-2).

Enrollment declined moderately (three percent) for arts and sciences programs. These programs, which are designed to transfer to four-year colleges and universities, declined to 99,260 students. Despite this decline, arts and sciences enrollment increased to 68 percent of overall enrollment (Figure 3-3). The moderate decline in

### CREDIT ENROLLMENT

NUMBER OF STUDENTS:	DECLINE SINCE LAST YEAR:
<b>145,388</b>	<b>4.6%</b>
CREDIT HOURS:	CREDIT HOURS PER STUDENT:
<b>2,073,559</b>	<b>14.3</b>
<small>Down 5.9% since 2012</small>	<small>Down from 14.5 in 2012</small>

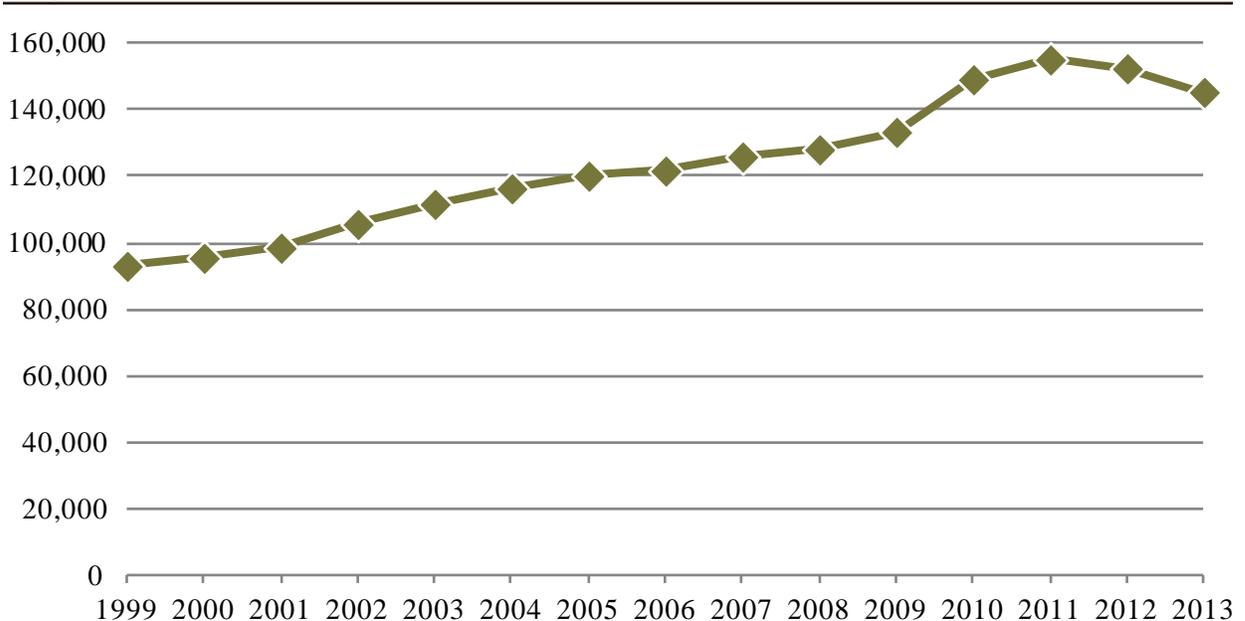
LARGEST PROGRAM MAJOR:

**COLLEGE PARALLEL**  
68% of total enrollment

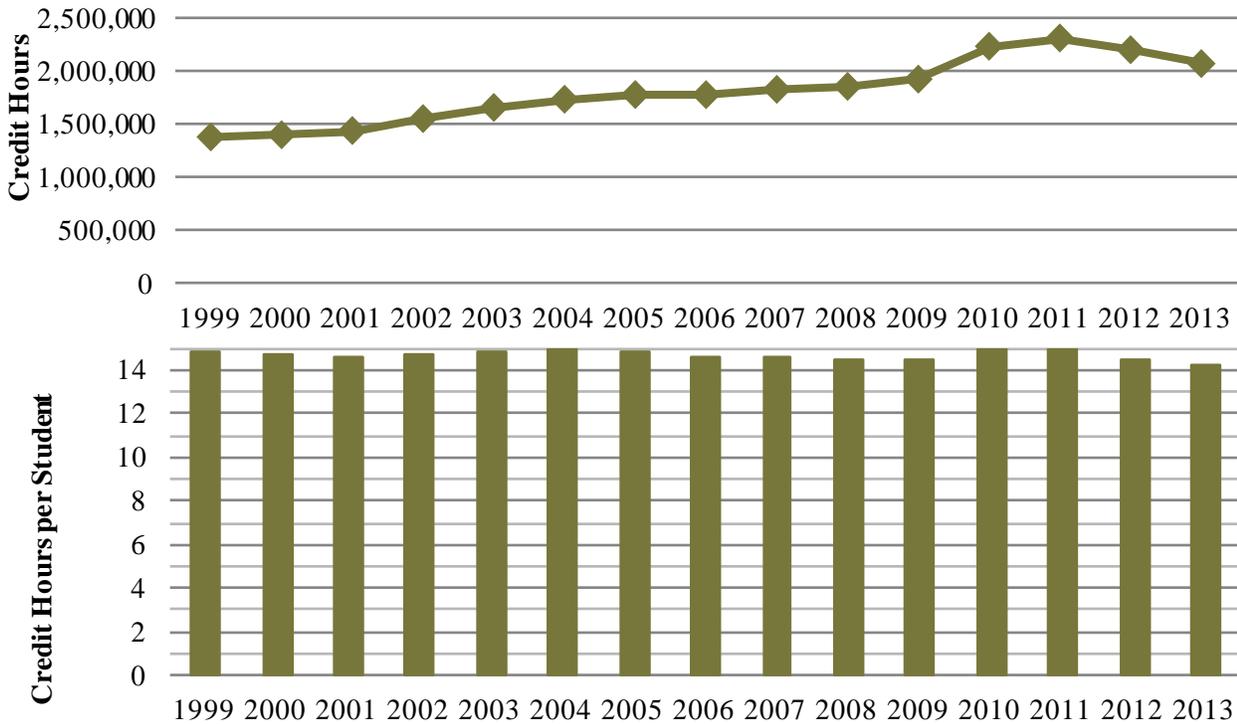
arts and sciences has not interrupted continuous increase in joint enrollment (Section 5), where students usually participate in arts and sciences programs.

Career and technical education (CTE) programs decreased their enrollment by 1,166 (17 percent) students, to the total of 36,556 students (Figure 3.3). Health science remained the largest CTE program, followed by business management and administration, and manufacturing (Figure 3-6). Enrollment in health science decreased over six percent to 17,600 students. Business management and administration enrolled 6,180 students, which was over 12 percent less than last year.

**Figure 3-1: Fiscal Year Credit Enrollment: 1999-2013**



**Figure 3-2: Fiscal Year Credit Hours (top) and Average Credit Hours per Student (bottom): 1999-2013**



Manufacturing, which is both the largest industry in Iowa and hardest hit by the 2008-09 recession, increased by 5.2 percent in 2013, after experiencing a decline of over eight percent in fiscal year 2012. Students enrolled in Science, Technology, Engineering and Mathematics (STEM) programs comprised only 0.2 percent of all enrollees in 2013, a 50 percent decline from fiscal year 2012.

The Iowa Department of Education continuously realigns with the federal Career Clusters in order to correspond to the most recent recommendations. Some of the enrollment changes were attributable to this realignment instead of actual growth or decline. For instance, the significant increase in human services majors and the substantial decline in government and public administration majors were attributable to the career cluster realignment.

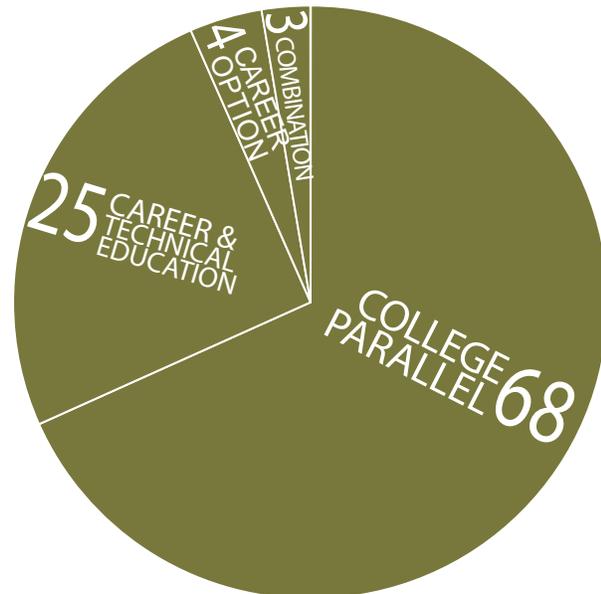
**Student Demographics**

The typical community college student, as with prior years, is female, under 25, and white. However, the face of the typical student is slightly changing. Although predominately white, more minorities are enrolling into community colleges. With the exception of the fiscal year 2012, when the number of minorities slightly declined, it was steadily growing for the past five years, with average annual growth of 14.3 percent.

On average, an Iowa community college student is slightly younger than an average community college

student nationwide. According to the most recent National Center for Educational Statistics data (2012), Iowa enrolls close to 16 percent of the students who are under 18 years old, while the national percent for that category is only 7.1. Iowa is also higher in categories up to 21 years olds, after which it is consistently lower than the national average.

**Figure 3-3: Enrollment by Program Type**



Compared to four-year public universities, Iowa community colleges serve an older population (except for under 18 years old category); however, most students are of traditional age: 71 percent were under 25 years old. The median student age was 20 years old, which means half of the student population were under that age (Figures 3-5 and 3-7).

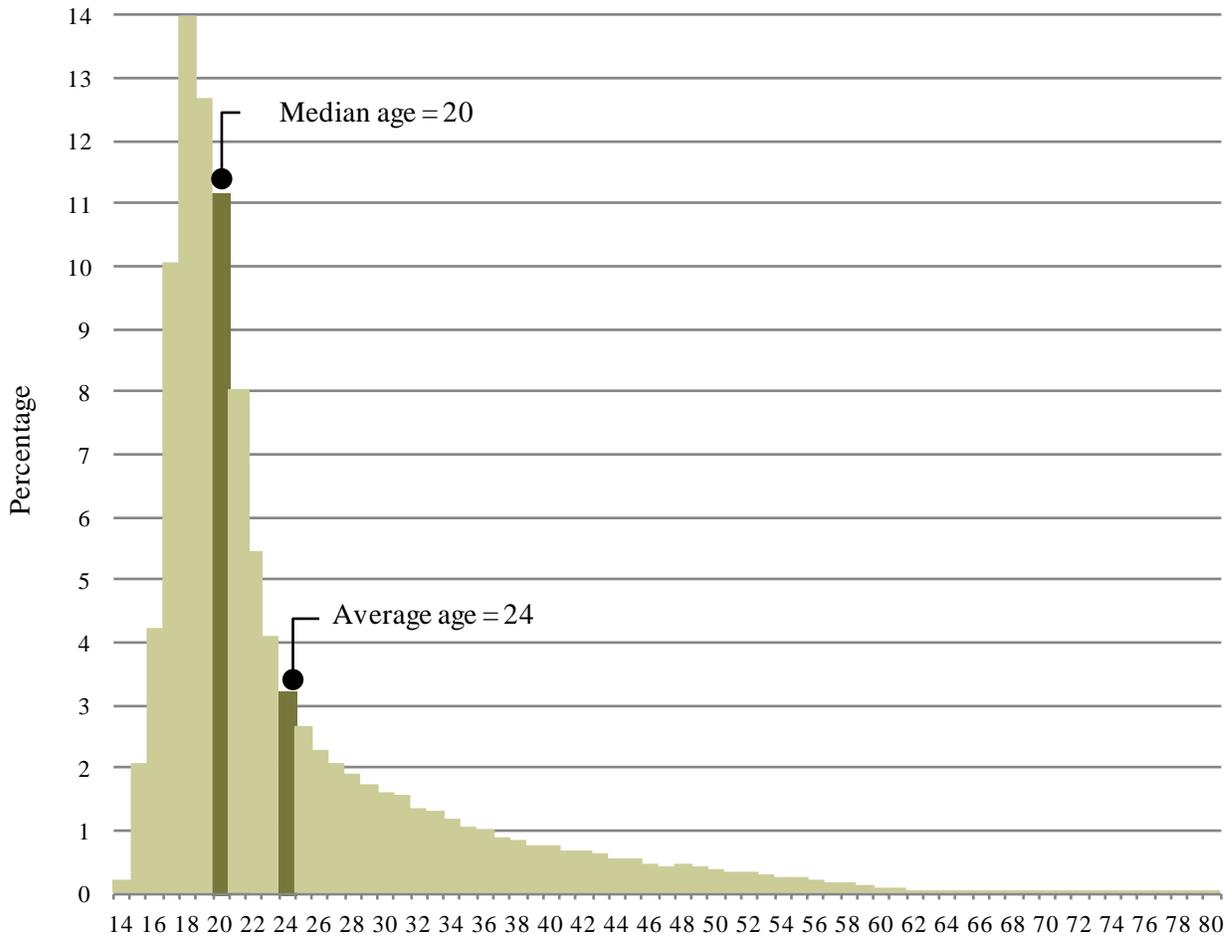
Females continue to outnumber males in community colleges, 55 to 45 percent, respectively (Figure 3-4). Since the community college Management Information System (MIS) was established, females have composed most of community college enrollment, remaining steady between 55 and 57 percent. Nationally, community colleges and undergraduate students in four-year institutions have similar female/male distribution: 57/43 and 56/44, correspondingly (2012). Females have outnumbered males in postsecondary institutions nationwide since 1978 (Snyder, Tan, and Hoffman, 2003).

Community colleges have become increasingly diverse. In 2007, 12 percent of students were racial or ethnic minorities. This proportion grew to 16 percent in 2010, and 18.5 percent in 2011. The percent of minorities

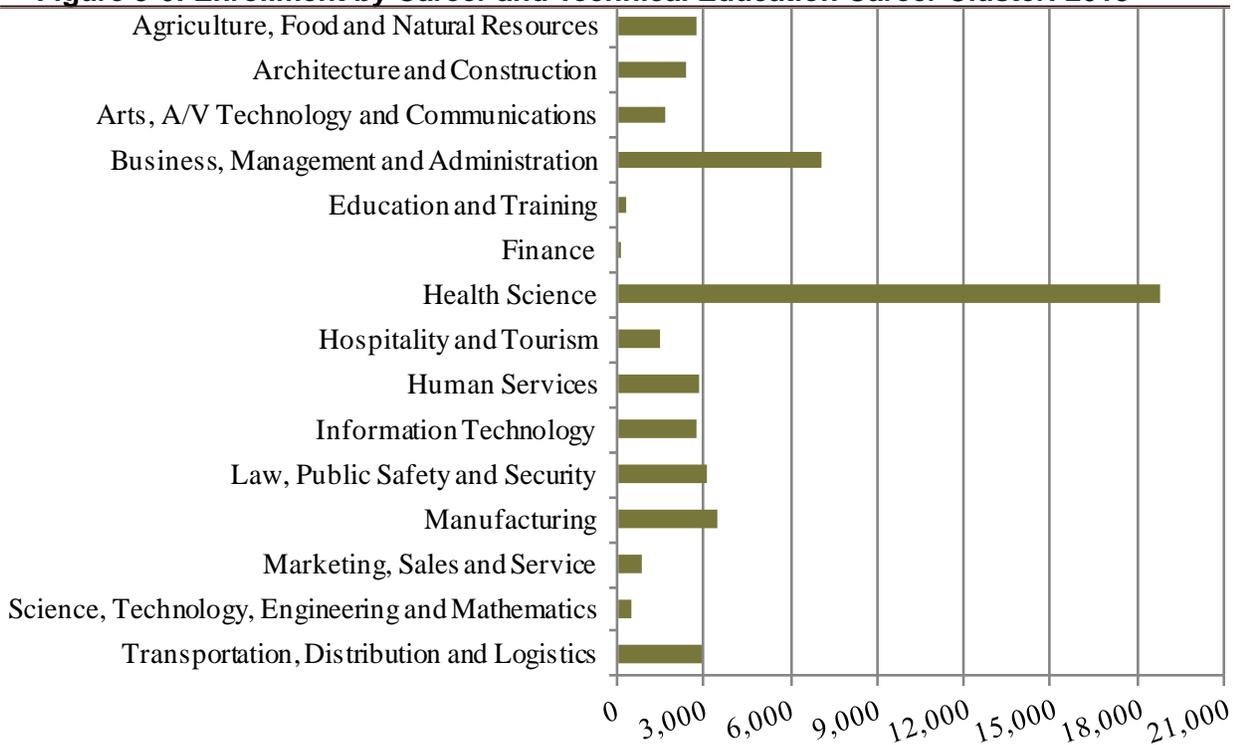
**Figure 3-4: Credit Student Gender**



**Figure 3-5: Credit Student Age: 2013**



**Figure 3-6: Enrollment by Career and Technical Education Career Cluster: 2013**

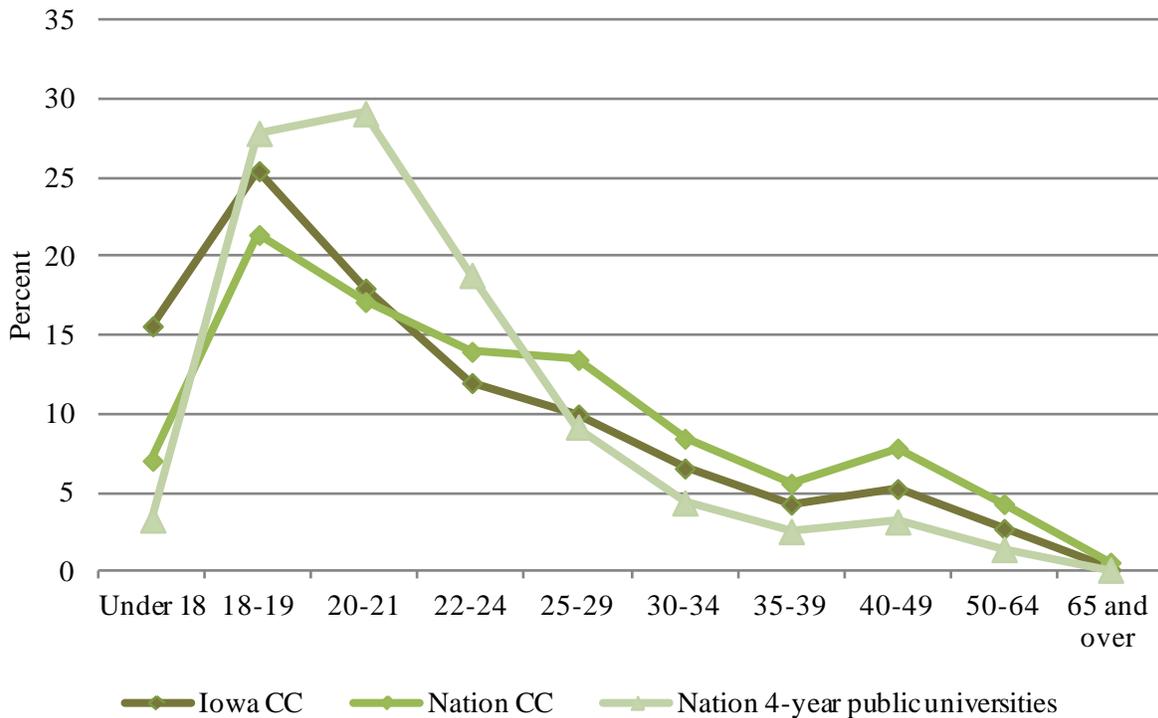


dropped to 16.8 percent in 2012, and increased again in 2013 to 17.6 (Figure 3.7).

In 2010, the Iowa Department of Education changed

its reporting methods for race. Students were allowed to identify themselves under multiple racial or ethnic categories. A total of 2,242 students, or over nine percent

**Figure 3-7: Credit Student Age, National Comparison: 2012**



SOURCE: U.S. Department of Education, Integrated Postsecondary Data Systems, Fall 2011.

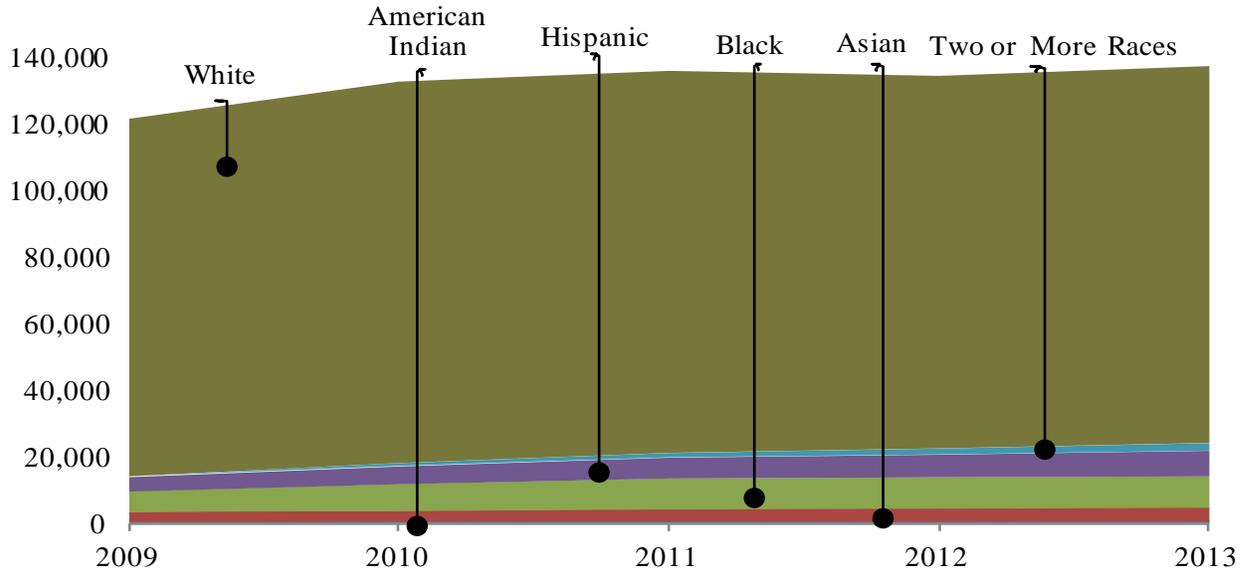
of all minorities, claimed themselves as multi-racial in 2013.

Nationally, community college enrollment of minorities varies from state-to-state, ranging from 8.9 percent in New Hampshire to 43.5 percent in Maryland, with nationwide average of 39.0 percent.

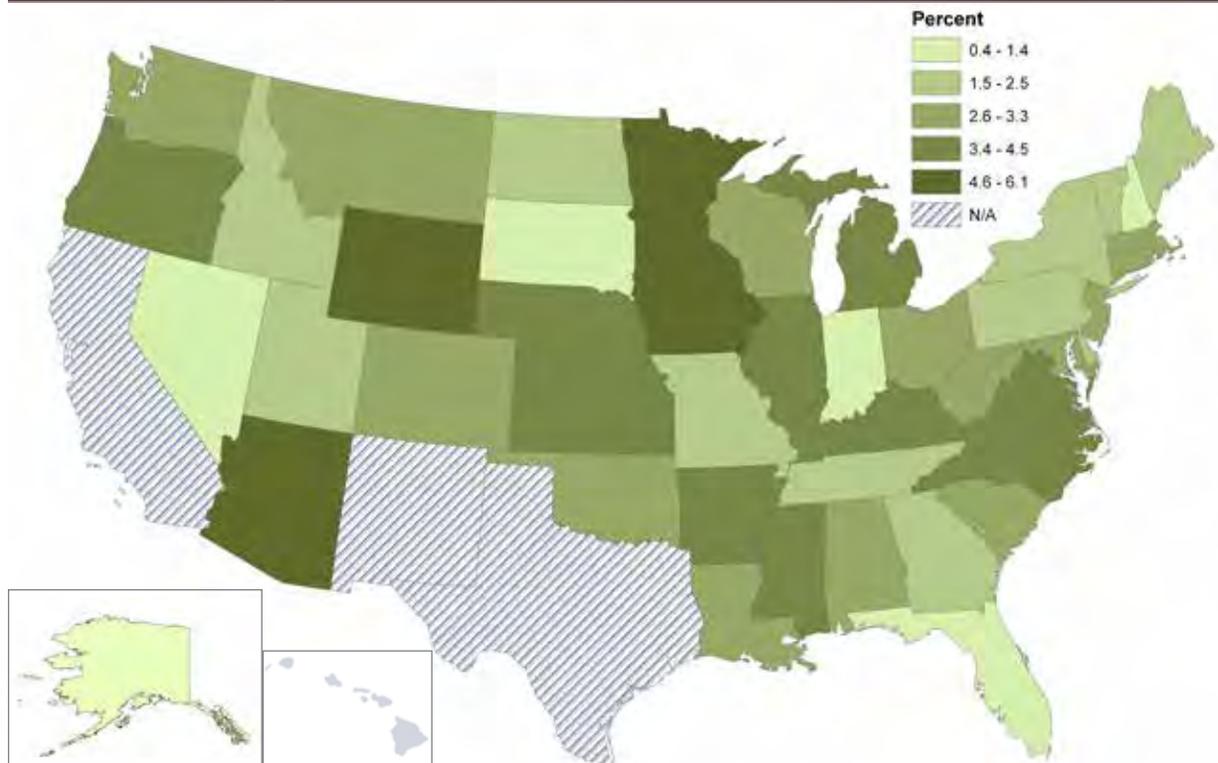
Though the percentage of racial and ethnic minorities

is relatively low in Iowa community colleges, they enroll a higher percentage of minorities (17.6 percent) compared to the state population. The U.S. Census Bureau (2011) estimated 9.6 percent of Iowans 15 years of age and older are non-white. In that group, 6.1 percent were enrolled in Iowa community colleges in the same year--the highest penetration rate of minorities in

**Figure 3-7: Credit Enrollment by Race and Ethnicity: 2009-2013**

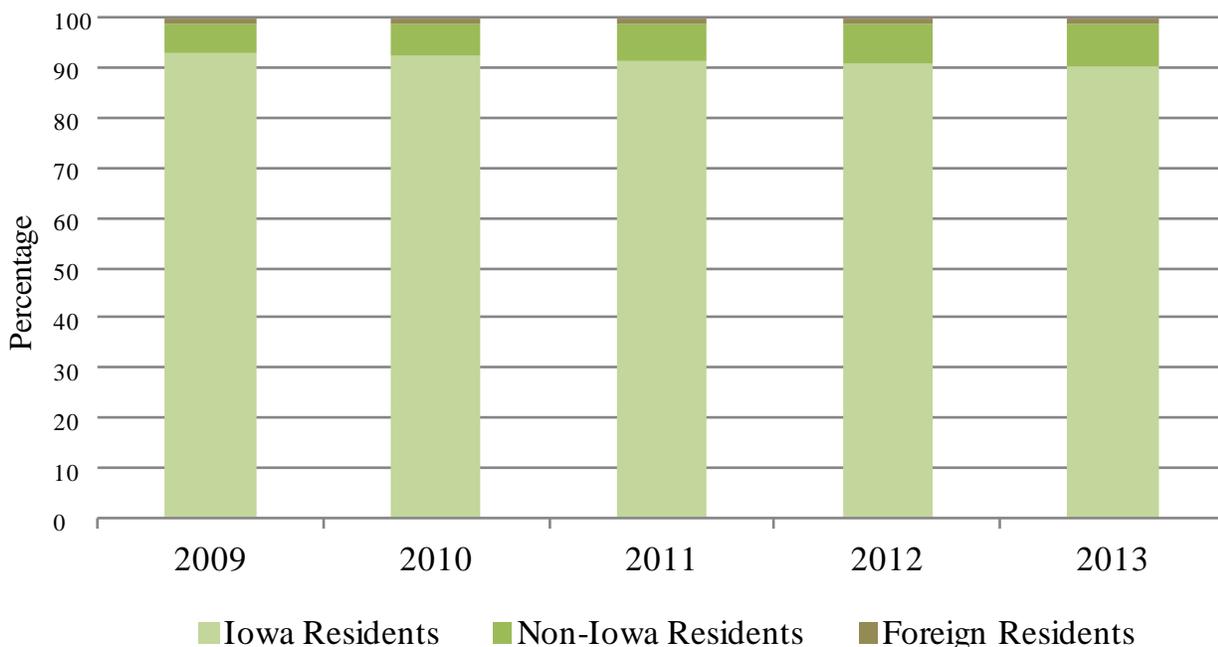


**Figure 3-8: Penetration Rate of Ethnic/Racial Minorities in U.S. Two-Year Public Colleges: 2012**



SOURCE: U.S. Department of Education, Integrated Postsecondary Data Systems (2012), and U.S. Census Bureau, 2012.

**Figure 3-9: Residency Status of Credit Students: 2009-2013**



community colleges in the nation.\* Iowa was followed by Minnesota (5.7 percent) and Wyoming (5.1 percent) (Figure 3.8).

\*Among states where non-white population is in minority.

### Student Residency

Credit enrollment in Iowa community colleges consists of Iowa residents, non-Iowa U.S. residents, and foreign residents. The residency status is reported to the Iowa Department Education based on the students type of tuition and immigration status at the time of the reporting.

In 2013, Iowa community colleges enrolled 90.8 percent Iowa residents, 8.6 percent non-Iowa residents, and 1.2 percent foreign residents. These numbers have remained stable for the past five years, with a small but steady trend towards a larger component of non-Iowa residents: their content increased from six percent in 2009 to 8.6 percent in 2013, with the average annual growth of 9.4 percent. The number of foreign residents in Iowa community colleges remains low, even though it grew one tenth of a percent each year in 2012 and 2013 (Figure 3.9). Nationally, the average percentage of foreign residents in community colleges was 1.3 in 2012, varying from zero in Vermont and South Dakota to 3.6 percent in Maryland (U.S. Department of Education, Integrated Postsecondary Data Systems, 2012).

### Developmental Education

For this section, a student is identified as enrolled in developmental education if he/she is enrolled in a course numbered below 100 (e.g., MAT-060).

During fiscal year 2013, 21,878 students enrolled in a developmental education course (9.3 percent decline from 2012), which represented 15 percent of the entire student body. Students enrolled in a total of 109,824 credit hours over the fiscal year, which is 9.5 percent less than the last year.

Many students enrolled in developmental mathematics courses. In 2013, students took 18,353 developmental mathematics courses, which far exceeded the 10,060 developmental English, Communications, and Reading courses. Figure 3-10 shows a detailed list of popular developmental education courses. The four most popular developmental education courses were mathematics; MAT-062 and MAT-063 (Elementary Algebra) were the

**DEVELOPMENTAL EDUCATION ENROLLMENT**

ENROLLMENT	PERCENT OF TOTAL ENROLLMENT
<b>21,878</b>	<b>15.0%</b>
9.3% less than last year	
CREDIT HOURS	AVERAGE CREDIT PER STUDENT
<b>109,824</b>	<b>5.0</b>
9.5% less than last year	
MOST FREQUENT SUBJECT	
<b>MATHEMATICS</b>	
18,353 courses	

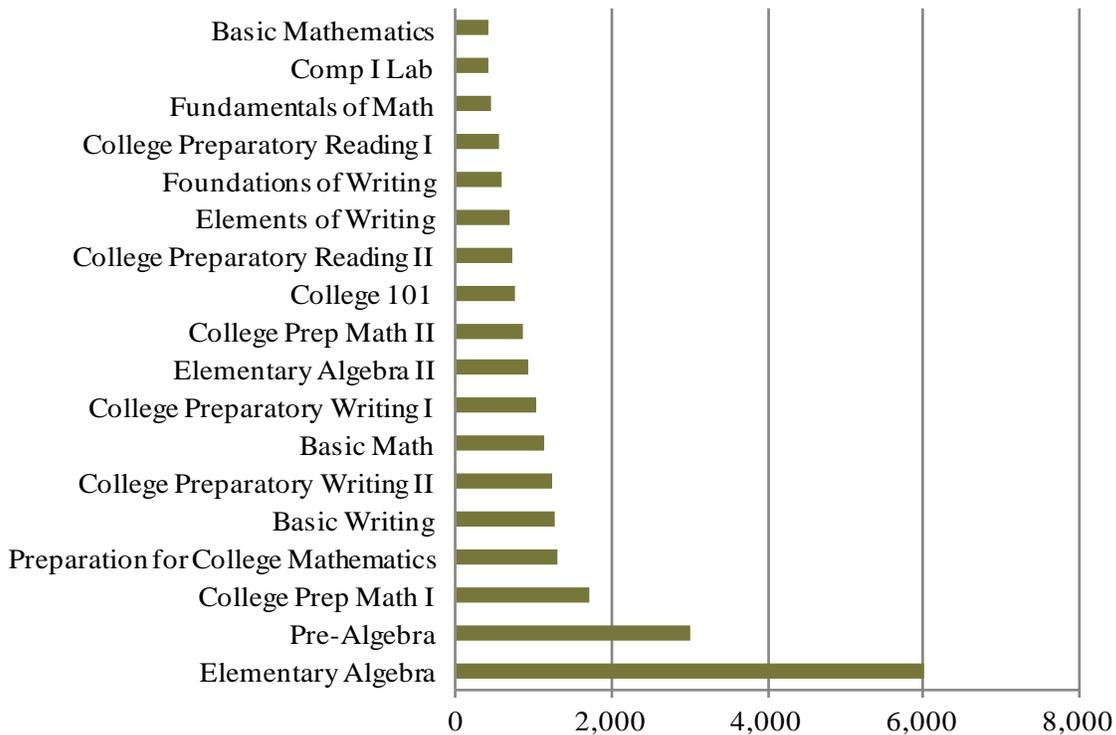
top two with a combined enrollment of 5,992 students.

Among English developmental courses, ENG-061 (College Preparatory Writing II), ENG-013 (Basic Writing), and ENG-060 (College Preparatory Writing I) collected the largest enrollment, 3,564 students, or close to 55 percent of all developmental English enrollment.

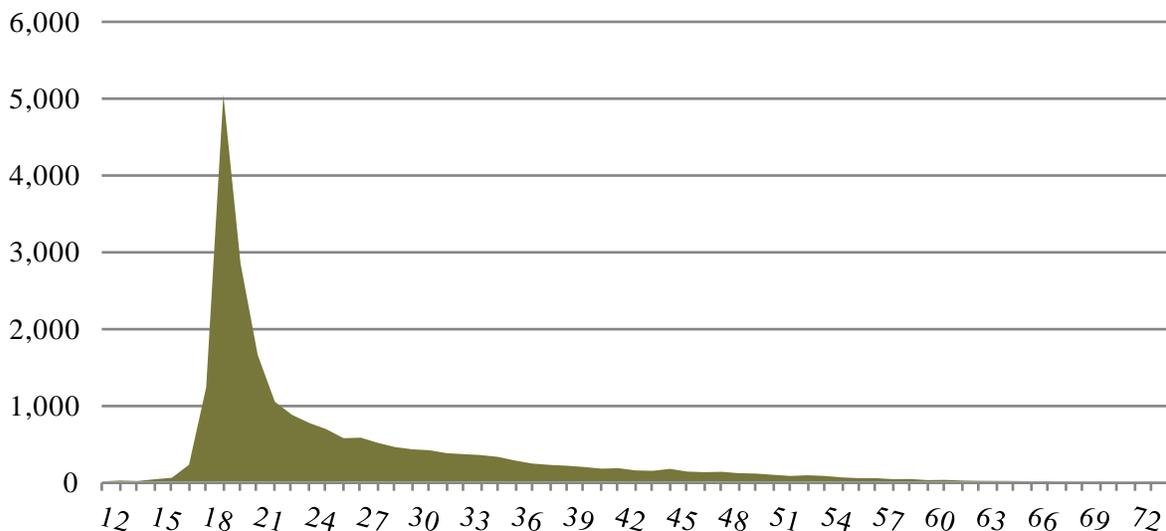
Similar to the general population of students, most of those who took developmental education were females (58.1 percent). Racial/ethnic minorities, however, comprised 43.8 percent of all developmental education

enrollees: a much higher percent than that of the general student population (17.6 percent). The average age for all community college students was 24 years old; yet, the average age for students in developmental education was two years higher: 26. The median age was 22. The majority of developmental course enrollees (over 54 percent) were between ages 18 and 22, with the peak participation being the 19 year old students. This age group comprised over 23 percent of all developmental enrollment in 2013 (Figure 3-11).

**Figure 3-10: Number of Students Enrolled in Most Popular Developmental Courses**



**Figure 3-11: Age of Developmental Education Students**





# 4

## Online Credit Enrollment

The Iowa Department of Education (DE) has collected data on community college enrollment in online coursework since FY 2007. The DE defines an online student as one who is enrolled in one or more courses delivered entirely (100 percent) online. Data were not collected on hybrid/blended online courses and other distance education delivery methods.

Table 4-1 summarizes online enrollment and credit hours by subpopulation and sex for the latest fiscal year. In Iowa, enrollment in online coursework decreased from 59,359 students last fiscal year to 58,131 students this fiscal year, down about 2 percent. Almost 40 percent of all community college students enrolled in at least one online course during the fiscal year.

Community college students, on average, enrolled in 414,144 credit hours of online courses, compared to 425,977 credit hours last year. This change represents a decrease of almost 3 percent from last fiscal year. Online credit hours accounted for nearly one-fifth of total credit hours in FY 2013.

### Online Demographics

Generally, the demographic profile of students enrolled in online courses is similar to that of the general population of community college students: white female residents of Iowa. Of the 58,131 students who enrolled in online coursework, 2,986 had incomplete demographic data. Removing these records yielded 55,145 records with complete demographic information, as displayed in table 4-1.

Of the 55,145 students who reported demographic information in FY 2013, 36,521 were females, accounting for slightly less than two-thirds of online enrollment, a proportion relatively unchanged from last year. Whites comprised the largest racial group (84.5 percent). Blacks (6.2 percent) and Hispanics (4.2 percent) were the next largest groups. Online enrollment among Hispanic increased by 315 (15.6 percent). However, online enrollment decreased by 25 (-0.7 percent) among African-American students from FY 2012. Table 4-2 displays online enrollment by subpopulation for each community college.

This year, 58,139 students were reported for residency purposes (table 4-3). The difference between enrollment by program type and enrollment by residency status occurred because a student's residency status can change from one term to the next. Of the 58,139 students who

**Table 4-1: Online enrollment counts by subpopulation and sex for FY 2013**

Subpopulation	females	Males	Total
American Indian	256	122	378
Asian/Pacific Islander	957	713	1,670
Black	2,080	1,363	3,443
Hispanic	1,504	823	2,327
White	31,251	15,363	46,614
Other	473	240	713
<b>Total</b>	<b>36,521</b>	<b>18,624</b>	<b>55,145</b>

*Note:* This table excludes 2,986 records with missing demographic data.

were reported for residency purposes, 49,949 students (85.9 percent) were residents of Iowa. Out-of-state residents accounted for 7,136 students (12.3 percent) enrolled in online courses, a negligible change from FY 2012.

The average age of students taking one or more online courses is 25.1 years old, about 15 months older than the average Iowa community college student. Students in their late 20s to early 40s enroll in online coursework at higher rates than other age groups.

### Online Enrollment by Program Type

Enrollment in Iowa's community colleges is disaggregated into four program types: college parallel, career option, career and technical education (CTE), and some combination of the three. Table 4-4 displays enrollment and credit hours by type of program. Table 4-5 displays enrollment for each college by sex and program type.

In 2013, 39,198 students enrolled in online college parallel programs, accounting for almost 27 percent of total enrollment and over two-thirds of students enrolled in online courses. This group accounted for 12.7 percent of total credit hours and almost two-thirds of all online credit hours. Of the 99,260 students enrolled in college parallel programs, almost 40 percent enrolled in online courses, accounting for 22.4 percent of the 1,175,640 credit hours.

During the same time period, 14,686 students enrolled in CTE programs, accounting for about 10 percent of total enrollment and over 25 percent of students enrolled in online courses. CTE students' online credit hours ac-

counted for slightly over 5 percent of total credit hours and over 25 percent of all online credit hours. Among the 36,552 CTE students, over 40 percent enrolled in online courses, accounting for almost 15 percent of the 711,720 credit hours attributed to CTE students.

Career option programs accounted for 3,366 (2.3 percent) of the 145,388 students who enrolled during FY 2013, and nearly 6 percent of students enrolled in online

courses. Students enrolled in career option programs accounted for 1.6 percent of total credit hours and 8.2 percent of all online credit hours. Among the 5,742 students enrolled in career option programs, a little less than 60 percent enrolled in online courses, accounting for over one-third of the 95,290 credit hours attributed to career option students

**Table 4-2: Online enrollment by college and subpopulation for FY 2013**

College	American Indian	Asian	Black	Hispanic	White	Two or more	Not reported	Total
Northeast	11	27	101	54	2,880	20	96	3,189
North Iowa Area	5	33	128	116	2,126	31	23	2,462
Iowa Lakes	12	113	80	49	1,596	4	51	1,905
Northwest	7	19	9	52	1,453	16	69	1,625
Iowa Central	12	54	512	167	3,158	29	225	4,157
Iowa Valley	45	187	135	155	1,665	13	255	2,455
Hawkeye	10	92	257	71	2,983	38	1	3,452
Eastern Iowa	37	170	373	361	4,454	82	275	5,752
Kirkwood	40	380	444	202	5,134	92	588	6,880
Des Moines Area	33	282	691	409	8,482	178	718	10,793
Western Iowa Tech	65	71	81	252	3,105	67	390	4,031
Iowa Western	64	170	366	242	3,930	9	108	4,889
Southwestern	5	14	24	49	1,192	25	4	1,313
Indian Hills	18	34	138	63	2,688	49	138	3,128
Southeastern	14	24	104	85	1,770	60	43	2,100
<b>Total</b>	<b>378</b>	<b>1,670</b>	<b>3,443</b>	<b>2,327</b>	<b>46,616</b>	<b>713</b>	<b>2,984</b>	<b>58,131</b>

**Table 4-3: Online enrollment by residency status for FY 2013 tuition purposes**

College	In-state	Out-of-state	Foreign	Unknown	Total
Northeast	2,748	433	8	0	3,189
North Iowa Area	2,211	210	41	0	2,462
Iowa Lakes	1,576	321	8	0	1,905
Northwest	1,340	278	7	0	1,625
Iowa Central	3,039	1,086	34	0	4,159
Iowa Valley	2,039	156	258	2	2,455
Hawkeye	3,284	154	14	0	3,452
Eastern Iowa	4,695	1,029	27	1	5,752
Kirkwood	6,191	397	292	0	6,880
Des Moines Area	10,258	280	260	0	10,798
Western Iowa Tech	3,343	682	6	0	4,031
Iowa Western	3,441	1,395	54	0	4,890
Southwestern	1,180	120	13	0	1,313
Indian Hills	2,852	252	24	0	3,128
Southeastern	1,752	343	5	0	2,100
<b>Total</b>	<b>49,949</b>	<b>7,136</b>	<b>1,051</b>	<b>3</b>	<b>58,139</b>

*Note:* Data for this table includes eight additional records of students whose residency status may have changed from one term to the next.

**Table 4-4: Online enrollment and credit hours by program type for FY 2013**

Program	<u>Enrollment</u>		<u>Credit Hours</u>	
	Total	Online	Total	Online
College parallel	99,260	39,198	1,175,630	263,452
CTE	36,552	14,686	711,720	104,858
Career option	5,742	3,366	95,290	33,940
Combination	3,834	881	90,918	11,894
<b>Total</b>	<b>145,388</b>	<b>58,131</b>	<b>2,073,558</b>	<b>414,144</b>

**Table 4-5: Online enrollment by college, sex, and program type for FY 2013**

College	Sex	College Parallel	Career Option	CTE	Combo	Totals
Northeast	Females	1,194	0	1057	33	2,284
	Males	539	0	357	9	905
North Iowa Area	Females	1,128	88	165	60	1,441
	Males	757	100	131	33	1,021
Iowa Lakes	Females	736	249	244	37	1,266
	Males	417	127	83	12	639
Northwest	Females	878	34	165	12	1,089
	Males	445	25	62	4	536
Iowa Central	Females	1,712	686	256	50	2,704
	Males	1,011	145	282	15	1,453
Iowa Valley	Females	1,256	80	226	0	1,562
	Males	780	29	81	0	890
Hawkeye	Females	1,911	0	440	30	2,381
	Males	841	0	227	3	1,071
Eastern Iowa	Females	2,376	0	1413	98	3,887
	Males	1,419	0	418	28	1,865
Kirkwood	Females	2,430	163	1,831	99	4,523
	Males	1,432	76	810	39	2,357
Des Moines Area	Females	5,165	923	804	67	6,959
	Males	2,822	436	550	26	3,834
Western Iowa Tech	Females	1,591	0	1,223	0	2,814
	Males	820	0	397	0	1,217
Iowa Western	Females	1,829	0	1,153	38	3,020
	Males	1,500	0	352	17	1,869
Southwestern	Females	774	32	100	2	908
	Males	342	15	48	0	405
Indian Hills	Females	1,026	2	985	147	2,160
	Males	471	1	468	22	962
Southeastern	Females	972	97	224	0	1,293
	Males	620	58	129	0	807
Sub-totals	Females	24,978	2,354	10,286	673	38,291
	Males	14,216	1,012	4,395	208	19,831
<b>Grand total</b>	<b>All students</b>	<b>39,194</b>	<b>3,366</b>	<b>14,681</b>	<b>881</b>	<b>58,122</b>

Note: This table exclude nine records with missing demographic data.

# 5

## JOINT ENROLLMENT AND DEMOGRAPHICS

Each year, tens of thousands of Iowa high school students enroll in community college credit coursework. The Department of Education refers to these students as “jointly enrolled.”

Joint enrollment of high school students accounts for over a quarter of total community college credit enrollment and more than one sixth of total credit hours. Iowa is one of at least 38 states with state dual enrollment policies (Karp, Bailey, Hughes, and Fermin, 2004). In Iowa, high school students enroll in community college credit courses in a variety of ways including Postsecondary Enrollment Option (PSEO), college courses offered through a contract between a local school district and a community college (e.g., concurrent enrollment), and independent enrollment in a college course as a tuition-paying student.

Most joint enrollment opportunities fall under the rubric of Senior Year Plus. The legislation, passed in 2008, consolidated and standardized several existing programs involving college credit opportunities for high school students including PSEO, concurrent enrollment (which entails supplementary weighted funding for local school districts), career and regional academies, and Advanced Placement (AP®). The Community College

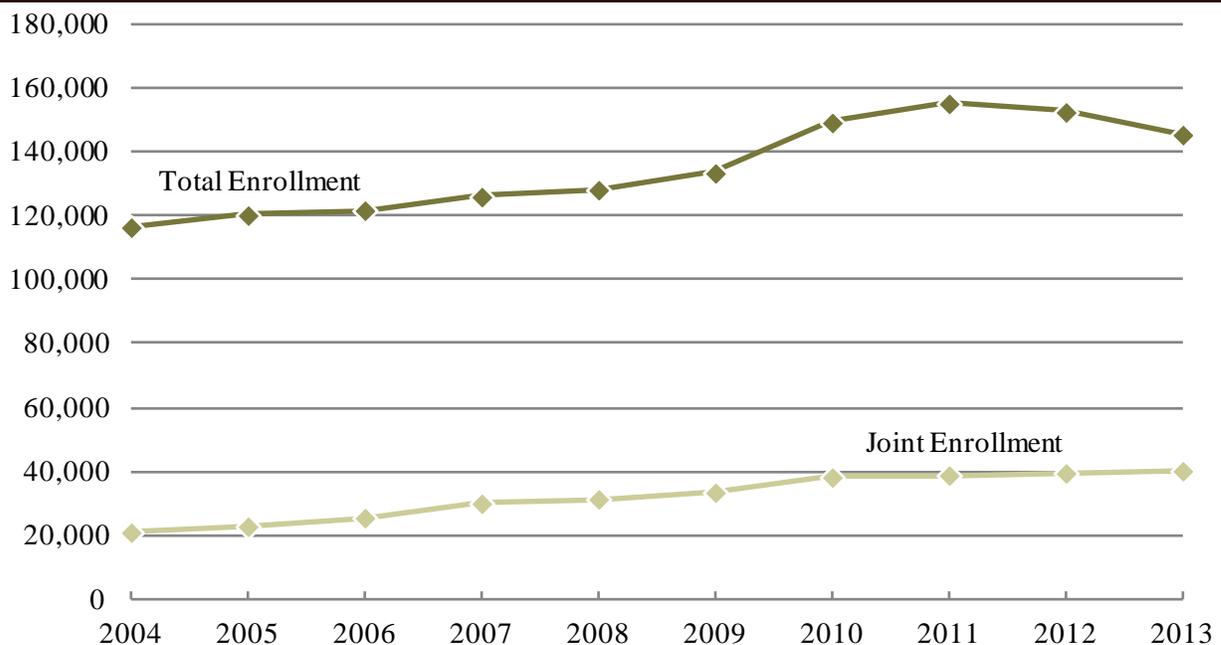
JOINT ENROLLMENT	
NUMBER OF STUDENTS:	GROWTH SINCE LAST YEAR:
40,262	↑ 1.7%
CREDIT HOURS:	CREDIT HOURS PER H.S. STUDENT:
310,412	7.7
Up 2.2% since 2012.	Up 0.5% since 2012.

Management Information System (MIS) captures joint enrollment in three categories: PSEO, contracted courses (which may or may not be concurrent enrollment and generate supplementary weighting for the partnering local district), and tuition.

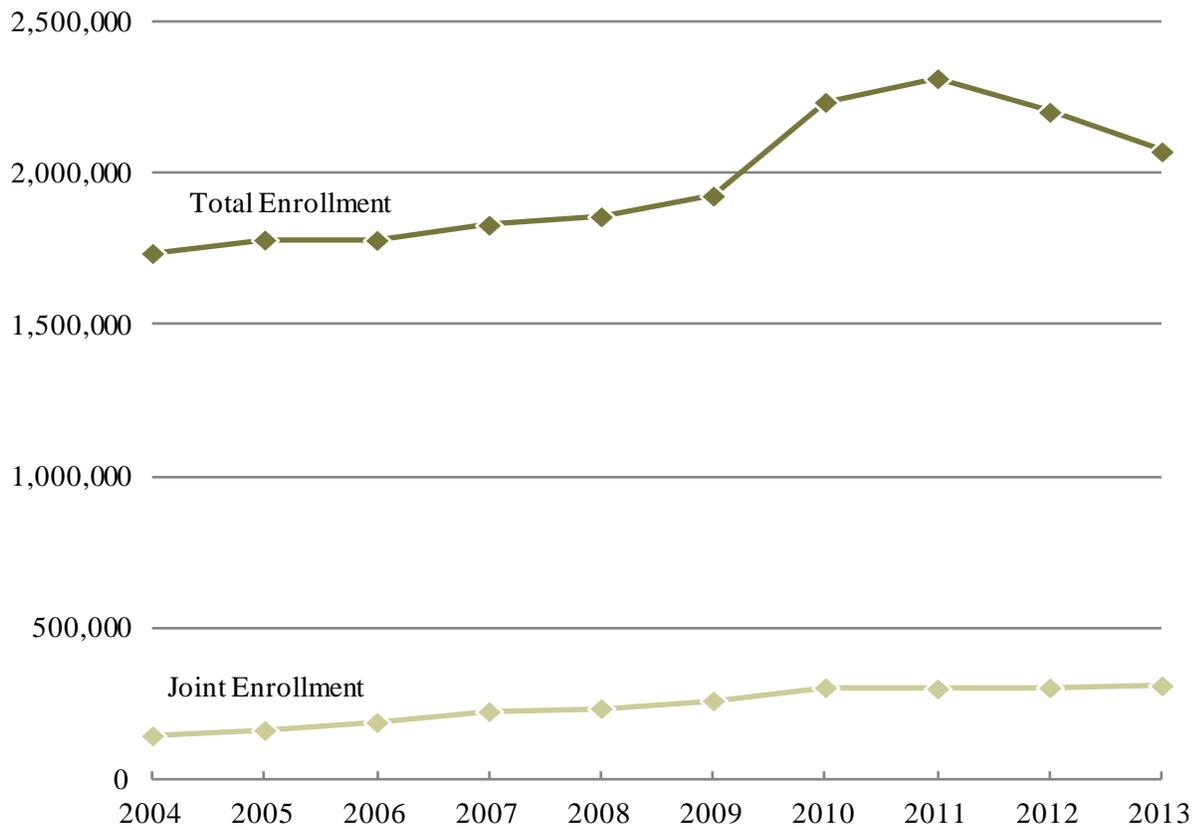
While sometimes referred to as “dual credit,” joint enrollment does not necessarily entail credit being issued at both the secondary and postsecondary levels. Some programs, such as PSEO and concurrent enrollment, require that credit be issued at each level, while other joint enrollment opportunities have no such requirement.

Joint enrollment in Iowa community colleges has steadily risen to a record high of 40,262 students in fiscal

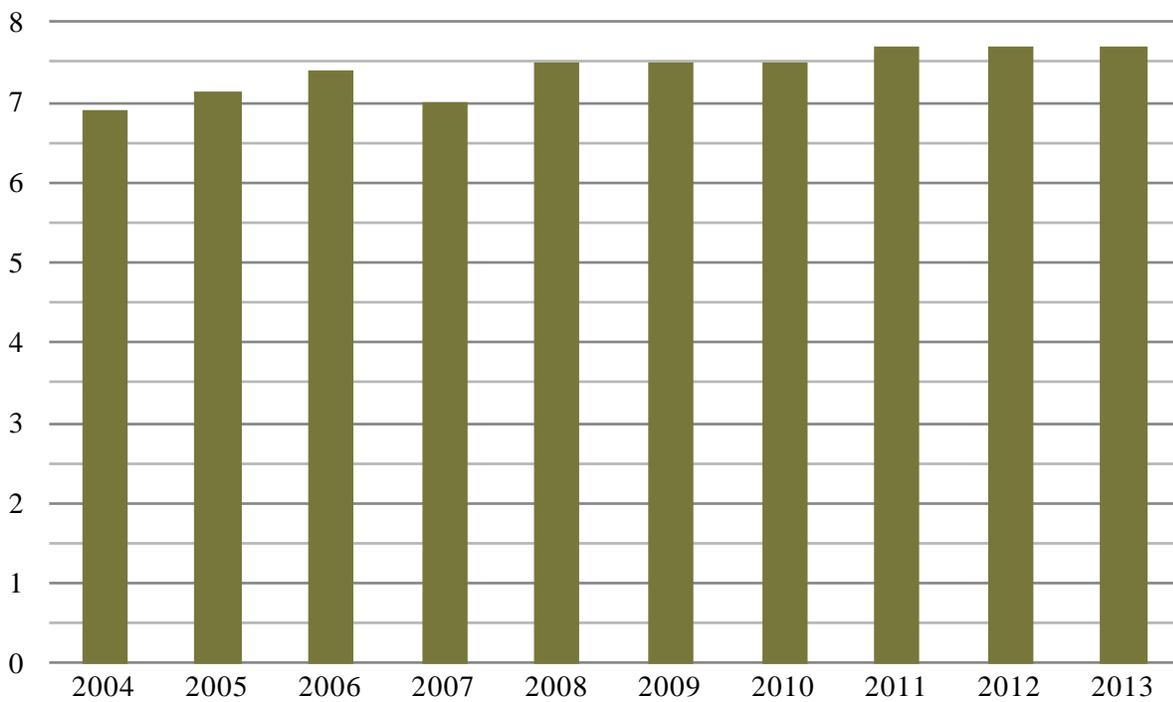
**Figure 5-1: Fiscal Year Joint Enrollment: 2004-2013**



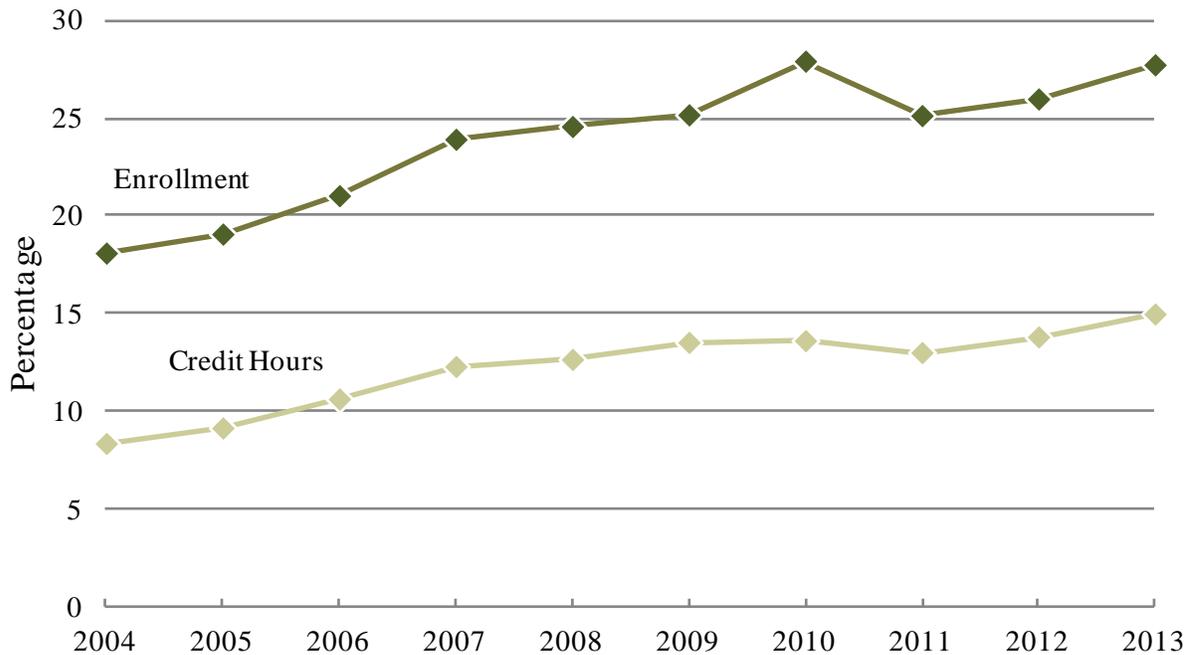
**Figure 5-2: Fiscal Year Joint Enrollment Credit Hours: 2004-2013**



**Figure 5-3: Average Credit Hours per Jointly Enrolled Student: 2004-2013**



**Figure 5-4: Joint Enrollment and Credit Hours as a Percentage of Total Credit Enrollment and Credit Hours: 2004-2013**



year 2013 (Figure 5-1). Since fiscal year 2004, joint enrollment has increased 91.3 percent or 7.5 percent per year. Since fiscal year 2010, the annual growth dropped significantly and stabilized around 1.7 percent.

Enrollment growth of jointly enrolled students outlasted the growth of total credit enrollment which declined 1.8 percent in fiscal year 2012, for the first time in 13 years of the MIS reporting history, and was down 4.6 percent again in 2013 (Section 3).

The number of average credit hours taken by each student remained at the 7.7 mark, the same number for three consecutive years (Figure 5-3). The number of credit hours taken per jointly enrolled student has increased about one credit hour since fiscal year 2004. During fiscal year 2013, jointly enrolled students took 2.5 classes on average, which is typical for any given year. Because high school students generally enroll part-time, they account for a smaller proportion of total credit hours than for total enrollment (Figure 5-4). In fiscal year 2013, joint enrollment accounted for close to 15 percent of total credit hours.

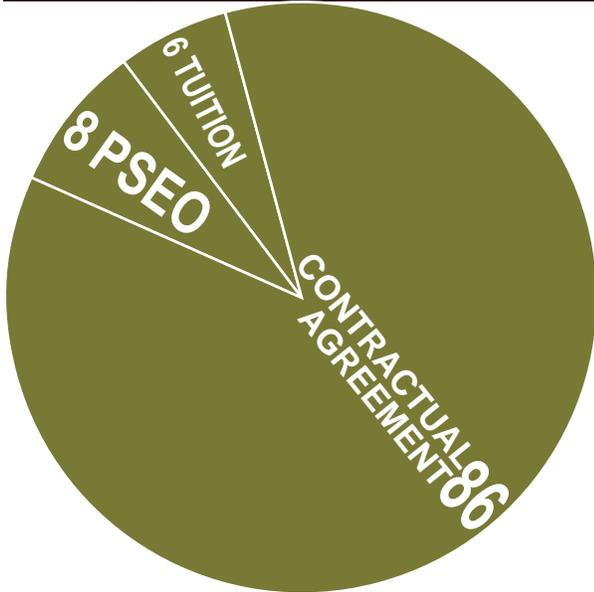
The rate at which high school students enroll in community college coursework varies by local school district and community college region (Figure 5-8). Nationally, public two-year colleges offer college credit coursework to high school students at higher rates than other sectors of higher education (Kleiner and Lewis, 2005). In 2005, 98 percent of public two-year colleges nationwide had high school students jointly enrolled in college credit coursework compared with 77 percent of public four-year institutions. In Iowa, delivery

**JOINT ENROLLMENT BY OFFERING ARRANGEMENT**

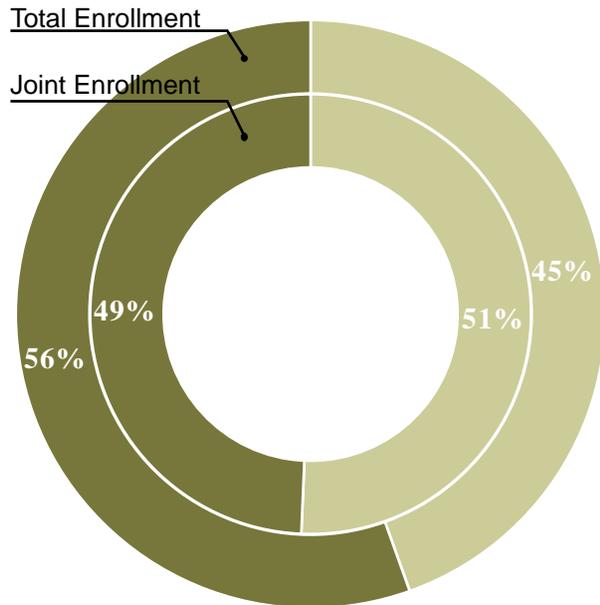


\*Note: Joint enrollment by offering arrangement exceeds unduplicated total 40,262 because some students are enrolled in multiple categories.

**Figure 5-5: Credit Joint Enrollment by Offering Arrangement Type: 2013**



**Figure 5-6: Jointly Enrolled Credit Student Gender\*: 2013**



■ Male ■ Female

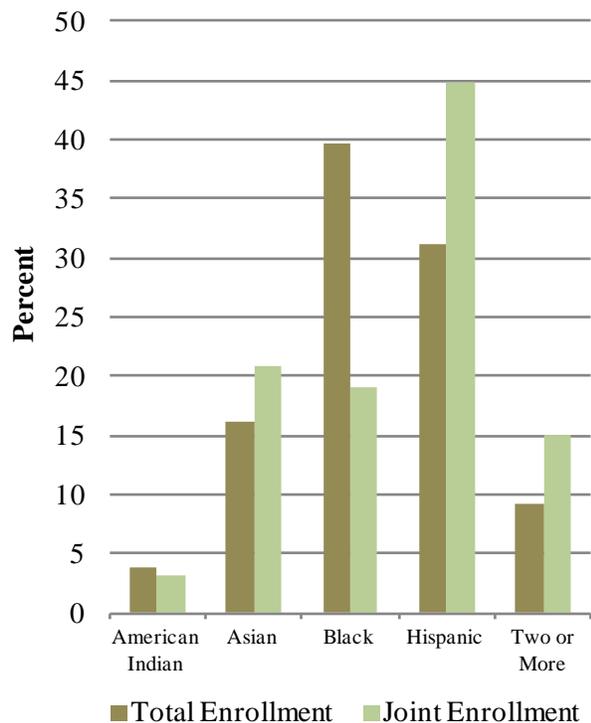
\*Students with unknown gender are not included.

of programs to high school students is a part of the community colleges' mission (Iowa Code 260C.1) and, consequently, all 15 community colleges are committed to offering college credit opportunities to these students.

### Joint Enrollment Offering Arrangements

Contracted courses had the largest enrollment of the three types of joint enrollment offering arrangements, accounting for close to 86 percent of jointly enrolled students in fiscal year 2013 (Figure 5-5). Enrollment in contracted courses rose four tenth of a percent from the previous year to 36,796 students. PSEO, which accounts for 8.2 percent of joint enrollment, has fallen by 16.4 percent since fiscal year 2012. Enrollment of tuition-paying students increased 30.7 percent over the prior year, for the first time since 2010.

**Figure 5-7: Jointly Enrolled Credit Student Enrollment by Racial Minorities: 2013**

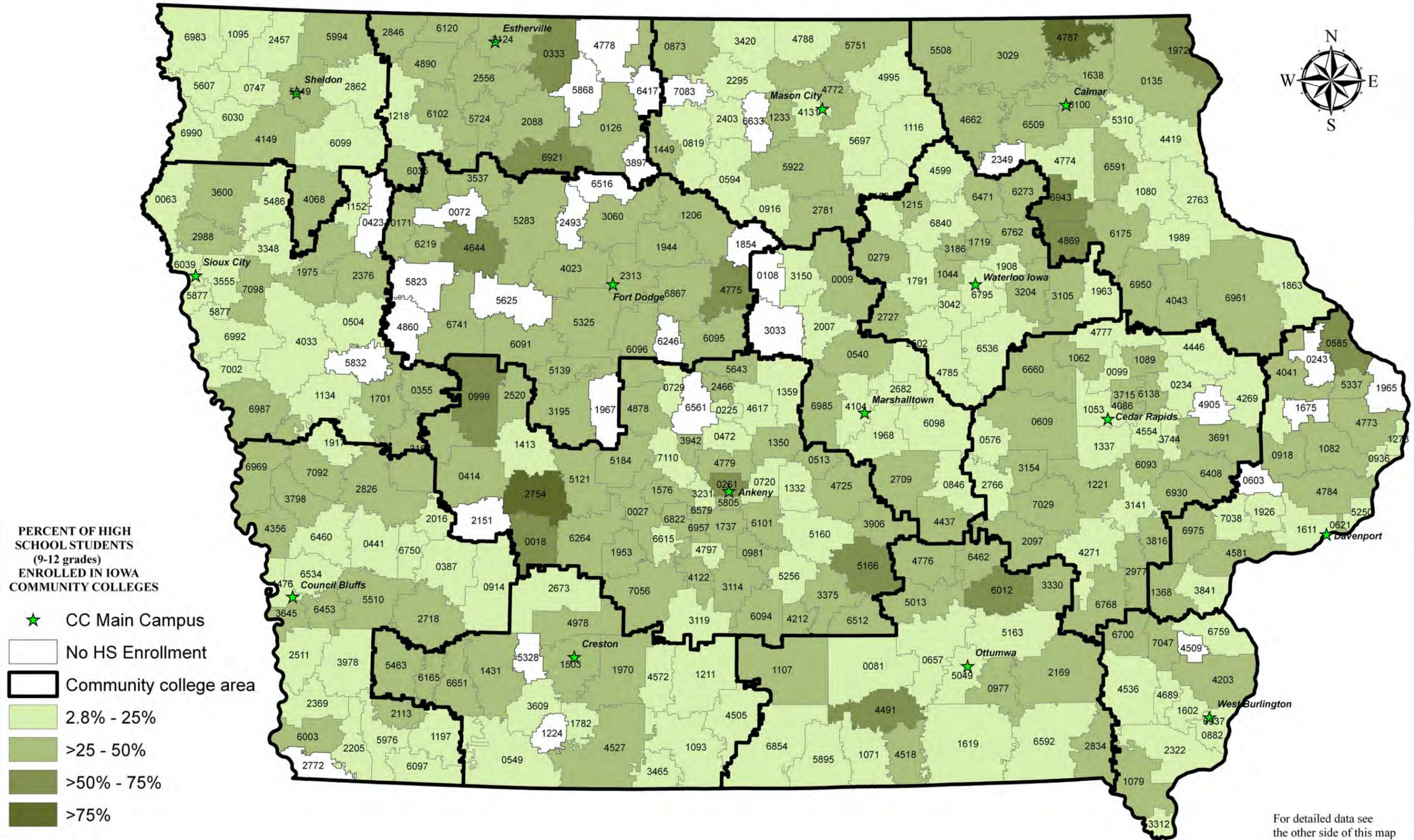


### IOWA'S TYPICAL JOINTLY ENROLLED STUDENT\*

**Caucasian**  
**88%** Young  
**Male** **18** years old  
**50.7%** Resident  
**99.6%**

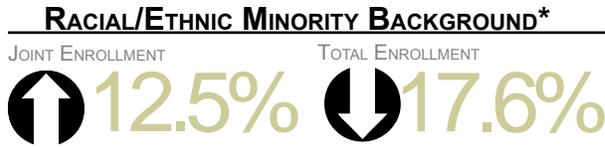
\*Students with unknown gender, age, race/ethnicity or residency are not included.

FIGURE 5-8: PERCENT OF HIGH SCHOOL STUDENTS (9-12 GRADES) ENROLLMENT IN IOWA COMMUNITY COLLEGES DURING FY 2013



District Number	District Name	Percent (Joint)	District Number	District Name	Percent (Joint)	District Number	District Name	Percent (Joint)	District Number	District Name	Percent (Joint)	District Number	District Name	Percent (Joint)	District Number	District Name	Percent (Joint)
0009	AGWSR	49.46	1197	CLARINDA	7.11	2511	GLENWOOD	19.65	4086	MARION T	34.50	5463	RED OAK	27.76	6759	WAPELLO	13.52
0018	ADAIR-CASEY	52.25	1206	CLARION-GOLDFIELD	36.59	2520	GLIDDEN-RALSTON	35.65	4104	MARSHALLTOWN	15.37	5486	REMSEN-UNION	23.33	6762	WAPSIE VALLEY	31.75
0027	ADEL-DESOTO-MINBURN	28.08	1211	CLARKE	24.46	2556	GRAETTINGER-TERRILL	45.24	4122	MARTENSDALE-ST MARYS	38.69	5508	RICEVILLE	35.87	6768	WASHINGTON	38.73
0063	AKRON WESTFIELD	18.75	1215	CLARKSVILLE	34.34	2673	NODAWAY	20.39	4131	MASON CITY	15.03	5510	RIVERSIDE	27.27	6795	WATERLOO	10.71
0081	ALBIA	22.87	1218	CLAY CENTRAL-EVERLY	18.68	2682	GMG	14.60	4149	MOC-FLOYD VALLEY	42.89	5607	ROCK VALLEY	24.89	6822	WAUKEE	42.11
0099	ALBURNETT	16.53	1221	CLEAR CREEK-AMANA	27.94	2709	GRINNELL-NEWBURG	25.49	4203	MEDIAPOLIS	36.70	5643	ROLAND-STORY	27.96	6840	WAVERLY-SHELL ROCK	21.18
0126	ALGONA	46.86	1233	CLEAR LAKE	29.74	2718	GRISWOLD	39.33	4212	MELCHER-DALLAS	32.94	5697	RK	24.18	6854	WAYNE	22.73
0135	ALLAMAKEE	35.87	1278	CLINTON	22.88	2727	GRUNDY CENTER	26.88	4269	MIDLAND	16.54	5724	RUTHVEN-AYRSHIRE	29.41	6867	WEBSTER CITY	30.35
0153	NORTH BUTLER	20.97	1332	COLFAX-MINGO	23.96	2754	GUTHRIE CENTER	76.13	4271	MID-PRAIRIE	20.38	5751	ST ANSGAR	26.92	6921	WEST BEND-MALLARD	58.26
0171	ALTA	37.14	1337	COLLEGE	24.44	2763	CLAYTON RIDGE	20.96	4356	MISSOURI VALLEY	28.40	5805	SAYDEL	29.98	6930	WEST BRANCH	31.06
0225	AMES	16.87	1350	COLLINS-MAXWELL	42.42	2766	H-L-V	20.43	4419	MFL MARMAC	23.36	5877	SERGEANT BLUFF-LUTON	21.29	6937	WEST BURLINGTON I	17.14
0234	ANAMOSA	18.46	1359	COLO-NESCO	19.55	2781	HAMPTON-DUMONT	26.90	4437	MONTEZUMA	30.00	5895	SEYMOUR	16.39	6943	WEST CENTRAL	68.32
0261	ANKENY	59.74	1368	COLUMBUS	27.86	2826	HARLAN	29.98	4446	MONTICELLO	19.38	5922	WEST FORK	34.62	6950	WEST DELAWARE COUNTY	37.45
0279	APLINGTON-PARKERSBURG	25.18	1413	COON RAPIDS-BAYARD	18.80	2834	HARMONY	31.33	4491	MORAVIA	53.68	5949	SHELDON COMM	28.57	6957	WEST DES MOINES	38.36
0333	ARMSTRONG-RINGSTED	52.49	1431	CORNING	39.04	2846	HARRIS-LAKE PARK	32.94	4505	MORMON TRAIL	11.86	5976	SHENANDOAH	18.58	6961	WESTERN DUBUQUE	43.63
0355	AR-WE-VA	29.17	1449	CORWITH-WESLEY	43.48	2862	SANBORN	22.94	4518	MOULTON-UDELL	32.26	5994	SIBLEY-OCHEYEDAN	26.76	6969	WEST HARRISON	37.76
0387	ATLANTIC	21.31	1476	COUNCIL BLUFFS	24.66	2977	HIGHLAND	27.55	4527	MOUNT AYR	31.25	6003	SIDNEY	32.74	6975	WEST LIBERTY	37.01
0414	AUDUBON	42.03	1503	CRESTON	30.36	2988	HINTON	31.25	4536	MOUNT PLEASANT	19.21	6012	SIGOURNEY	55.49	6983	WEST LYON	10.48
0441	A-H-S-T	20.12	1576	DALLAS CENTER-GRIMES	43.03	3029	HOWARD-WINNESHIEK	38.52	4554	MOUNT VERNON	21.73	6030	SIoux CENTER	11.26	6985	WEST MARSHALL	35.91
0472	BALLARD	18.37	1602	DANVILLE	8.21	3033	HUBBARD-RADCLIFFE	0.00	4572	MURRAY	15.09	6035	SIoux CENTRAL	31.56	6985	WEST MARSHALL	28.53
0504	BATTLE CREEK-IDA GROVE	15.33	1611	DAVENPORT	17.08	3042	HUDSON	21.49	4581	MUSCATINE	42.14	6039	SIoux CITY	21.78	6987	WEST MONONA	29.44
0513	BAXTER	28.91	1619	DAVIS COUNTY	23.24	3060	HUMBOLDT	46.51	4599	NASHUA-PLAINFIELD	15.17	6091	SOUTHERN CAL	40.00	6987	WEST MONONA	23.48
0540	BCLUW	28.50	1638	DECORAH	28.27	3105	INDEPENDENCE	31.67	4617	NEVADA	15.59	6093	SOLOMON	29.29	6990	WEST SIOUX	21.51
0549	BEDFORD	19.62	1701	DENISON	33.13	3114	INDIANOLA	34.99	4644	NEWELL-FONDA	51.11	6094	SOUTHEAST WARREN	35.14	6990	WEST SIOUX	18.10
0576	BELLE PLAINE	20.86	1719	DENVER	42.66	3119	INTERSTATE 35	18.12	4662	NEW HAMPTON	31.38	6095	SOUTH HAMILTON	45.81	6992	WESTWOOD	8.88
0585	BELLEVUE	64.91	1737	DES MOINES INDEPENDENT	34.81	3141	IOWA CITY	10.12	4689	NEW LONDON	23.49	6096	GRAND	25.68	6992	WESTWOOD	6.73
0594	BELMOND-KLEMME	19.78	1782	DIAGONAL	25.00	3150	IOWA FALLS	20.20	4725	NEWTON	42.26	6097	SOUTH PAGE	13.21	7002	WHITING	19.67
0609	BENTON	28.28	1791	DIKE-NEW HARTFORD	19.83	3154	IOWA VALLEY	27.72	4772	CENTRAL SPRINGS	33.45	6098	SOUTH TAMA COUNTY	24.63	7002	WHITING	14.81
0621	BETTENDORF	25.14	1863	DUBUQUE	10.75	3168	KM-MANNING	31.38	4773	NORTHEAST	43.83	6099	SOUTH O'BRIEN	21.10	7029	WILLIAMSBURG	40.39
0657	FREMONT	16.54	1908	DUNKERTON	18.24	3186	JANESVILLE CO	25.64	4774	NORTH FAYETTE	21.77	6100	SOUTH WINNESHIEK	44.72	7029	WILLIAMSBURG	33.74
0720	BONDURANT-FARRAR	16.08	1917	BOYER VALLEY	20.33	3195	JEFFERSON-SCRANTON	43.37	4775	NORTHEAST HAMILTON	53.85	6101	SOUTHEAST POLK	36.46	7038	WILTON	17.43
0729	BOONE	22.89	1926	DURANT	17.62	3204	JESUP	25.24	4776	NORTH MAHASKA	25.28	6102	SPENCER	37.62	7038	WILTON	13.82
0747	BOYDEN-HULL	21.91	1944	EAGLE GROVE	27.47	3231	JOHNSTON	18.39	4777	NORTH LINN	16.58	6120	SPIRIT LAKE	29.51	7047	WINFIELD-MT UNION	33.10
0819	WEST HANCOCK	12.30	1953	EARLHAM	28.33	3312	KEOKUK	23.78	4779	NORTH POLK	36.71	6138	SPRINGVILLE	35.09	7047	WINFIELD-MT UNION	25.81
0846	MALCOM	22.22	1963	EAST BUCHANAN	17.26	3330	KEOTA	36.14	4784	NORTH SCOTT	33.61	6165	STANTON	32.43	7056	WINTERSSET	47.62
0873	NORTH IOWA	31.41	1967	EAST GREENE	0.00	3348	KINGSLEY-PIERSON	24.16	4785	NORTH TAMA COUNTY	22.22	6175	STARMONT	25.27	7056	WINTERSSET	37.71
0882	BURLINGTON	13.21	1968	EAST MARSHALL	22.73	3375	KNOXVILLE	30.39	4787	NORTH WINNESHIEK	272.73	6219	STORM LAKE	39.06	7092	WOODBINE	39.84
0914	CAM	12.44	1970	EAST UNION	39.66	3420	LAKE MILLS	14.90	4788	NORTHWOOD-KENSETT	21.47	6246	STRATFORD	0.00	7092	WOODBINE	33.12
0916	CAL	12.70	1972	EASTERN ALLAMAKEE	50.38	3465	LAMONI	2.83	4797	NORWALK	15.44	6264	WEST CENTRAL VALLEY	37.55	7098	WOODBURY CENTRAL	38.10
0918	CALAMUS-WHEATLAND	27.75	1975	RIVER VALLEY	25.47	3537	LAURENS-MARATHON	40.20	4869	OELWEIN	54.68	6273	SUMNER	25.31	7098	WOODBURY CENTRAL	30.77
0936	CAMANICHE	11.31	1989	EDGEWOOD-COLESBURG	22.22	3555	LAWTON-BRONSON	15.87	4878	OGDEN	32.13	6408	TIPTON	40.71	7110	WOODWARD-GRANGER	13.41
0977	CARDINAL	43.14	2007	ELDORA-NEW PROVIDENCE	23.45	3600	LE MARS	27.15	4890	OKOBOJI	28.88	6453	TREYNOR	43.67	7110	WOODWARD-GRANGER	11.74
0981	CARLISLE	27.80	2016	ELK HORN-KIMBALLTON	23.62	3609	LENOX	19.08	4978	ORIENT-MACKSBURG	45.10	6460	TRI-CENTER	12.50			
0999	CARROLL	61.35	2088	EMMETSBURG	38.43	3645	LEWIS CENTRAL	26.99	4995	OSAGE	21.09	6462	TRI-COUNTY	43.90			
1044	CEDAR FALLS	26.90	2097	ENGLISH VALLEYS	30.82	3691	NORTH CEDAR	30.66	5013	OSKALOOSA	26.74	6471	TRIPOLI	32.64			
1053	CEDAR RAPIDS	8.41	2113	ESSEX	46.58	3715	LINN-MAR	26.34	5049	OTTUMWA	19.67	6509	TURKEY VALLEY	35.06			
1062	CENTER POINT-URBANA	33.25	2124	ESTHERVILLE LINCOLN C	31.81	3744	LISBON	15.98	5121	PANORAMA	36.90	6512	TWIN CEDARS	30.20			
1071	CENTERVILLE	15.57	2169	FAIRFIELD	40.08	3798	LOGAN-MAGNOLIA	32.28	5139	PATON-CHURDAN	36.73	6534	UNDERWOOD	14.16			
1079	CENTRAL LEE	29.55	2205	FARRAGUT	24.56	3816	LONE TREE	46.00	5160	PCM	14.68	6536	UNION	19.25			
1080	CENTRAL	22.67	2295	FOREST CITY	7.12	3841	LOUISA-MUSCATINE	21.91	5163	PEKIN	20.79	6579	URBANDALE	42.16			
1082	CENTRAL CLINTON	30.54	2313	FORT DODGE	32.47	3906	LYNNVILLE-SULLY	30.57	5166	PELLA	50.95	6591	VALLEY	38.10			
1089	CENTRAL CITY	32.35	2322	FORT MADISON	19.18	3942	MADRID	27.54	5184	PERRY	27.94	6592	VAN BUREN	22.16			
1093	CENTRAL DECATUR	17.65	2369	FREMONT-MILLS	18.88	3978	EAST MILLS	22.78	5250	PLEASANT VALLEY	17.11	6615	VAN METER	19.43			
1095	CENTRAL LYON	24.40	2376	GALVA-HOLSTEIN	42.02	4023	WEBSTER	39.74	5256	PLEASANTVILLE	22.53	6651	VILLISCA	40.20			
1107	CHARITON	25.06	2403	GARNER-HAYFIELD	11.65	4033	OTO	18.22	5283	POCAHONTAS AREA	39.21	6660	VINTON-SHELLSBURG	31.40			
1116	CHARLES CITY	21.52	2457	GEORGE-LITTLE ROCK	16.03	4041	MAQUOKETA	42.02	5310	POSTVILLE	19.59	6700	WACO	31.62			
1134	CHARTER OAK-UTE	17.02	2466	GILBERT	26.01	4043	MAQUOKETA VALLEY	37.33	5325	PRAIRIE VALLEY	36.41	6741	EAST SAC COUNTY	35.29			
1152	CHEROKEE	22.30	2502	GLADBROOK-REINBECK	24.46	4068	CLEGHORN	25.81	5337	PRESTON	29.41	6750	WALNUT	13.51			

NOTE: Data excludes 1,323 (3.3 percent) jointly enrolled secondary students with missing district number or State ID.  
SOURCE: K-12 Student Data and CC MIS.



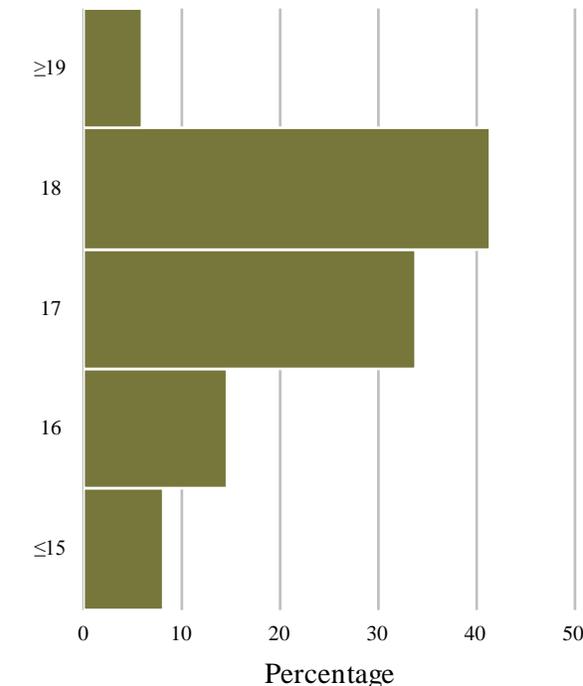
\*Students with unknown race/ethnicity are not included.

### Jointly Enrolled Student Demographics

The typical jointly enrolled student is male, 18 years old, and white. In fiscal year 2013, males outnumbered females in joint enrollment for the first time in the history of joint enrollment. Compared with the overall student body, jointly enrolled students are proportionally more white and male. In fiscal year 2013, approximately 51 percent of joint enrollees were male compared with 45 percent of the overall student body (Figure 5-6). The phenomenon of proportionally greater male enrollment is driven by contracted course enrollment, which was 51.8 percent male in fiscal year 2013. In terms of gender, contracted course enrollment more closely mirrors high school enrollment than community college enrollment. In contrast, PSEO and tuition enrollment were 64 percent and 60.5 percent female, respectively.

The racial/ethnic background of joint enrollees is less diverse than either total community college enrollment or public K-12 enrollment. In fiscal year 2013, 12.5 percent of joint enrollees were reported as having a minority racial/ethnic background. Tuition course enrollment had the largest proportion of minority students (14.7 percent), followed by contracted course (12.7 percent) and PSEO (5.8 percent). Hispanics were

**Figure 5-9: Jointly Enrolled Credit Student Age\*: 2013**



\*Students with unknown age are not included.

the largest minority group with 44.7 percent of minority joint enrollment, followed by Black and Asian students, with 19.0 percent and 17.7 percent respectively (Figure 5-7). In contrast, 17.6 percent of the overall community college student body was reported to have a minority racial/ethnic background, 39.6 percent of which were black and 31.1 percent of which were Hispanic.

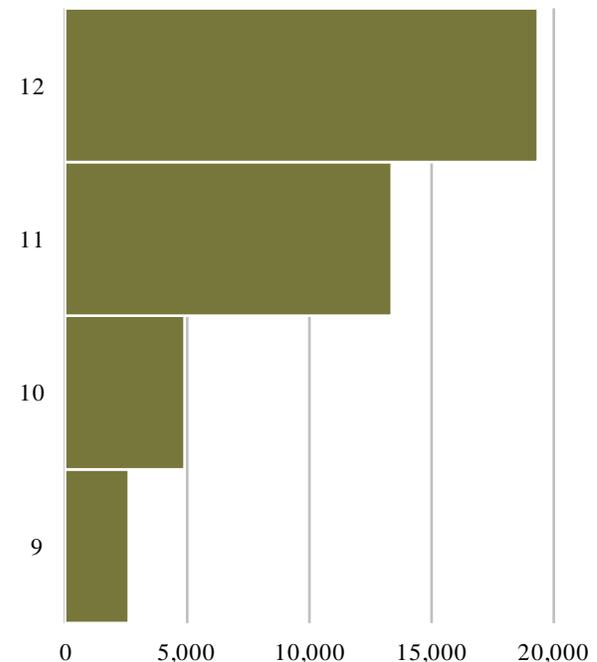
As expected, jointly enrolled students were younger than the overall community college student body, but few were younger than age 17 (21.8 percent). Close to 72.5 percent of jointly enrolled students were age 17 or 18 (Figure 5-9).

Jointly enrolled students were also almost exclusively (99.6 percent) reported as residents of Iowa for tuition purposes. Only 146 out-of-state and 19 international students were jointly enrolled during fiscal year 2013.

### Grade Level of Jointly Enrolled Students

Jointly enrolled students tend to be high school upperclass students; in particular, seniors. More than 81 percent of jointly enrolled students were in their last two years of high school. Seniors accounted for 48.2 percent of jointly enrolled students while more than a third were juniors (Figure 5-10). Data on student grade level is derived through a match between the state's K-12 data repository and the Community College MIS.

**Figure 5-10: Jointly Enrolled Credit Student Grade Level: 2013**





# 6

## CREDIT STUDENT AWARDS

Fiscal year credit awards track students who received any type of a community college award during fiscal year 2013. Award counts include the same student each time the student receives an award during this period of time. In 2013, the number of awards decreased, but the composition of community college awardees remained relatively the same.

In 2013, the number of awards decreased to 15,605, a record decline of 16.5 percent. The decline is manifested by lower numbers of diplomas and two-year degrees, while short-term programs yielded a larger number of certificates. The decline in long-term program awards can be explained by the two year consecutive decline in total enrollments. However, the award rate (number of awards per number of students) declined by less than two percent, following a steady trend of around 10 percent, on average, for the past five years. On average, the number of awards in Iowa community colleges has increased 2.2 percent since tracking began in fiscal year 2000. Overall, the number of awards has been steady since year 2006, fluctuating between years 2000 and 2005, and on the rise continuously since year 2010 through year 2012 (Figure 6-1).

There are a variety of credit student awards granted by Iowa community colleges. Awards offered include

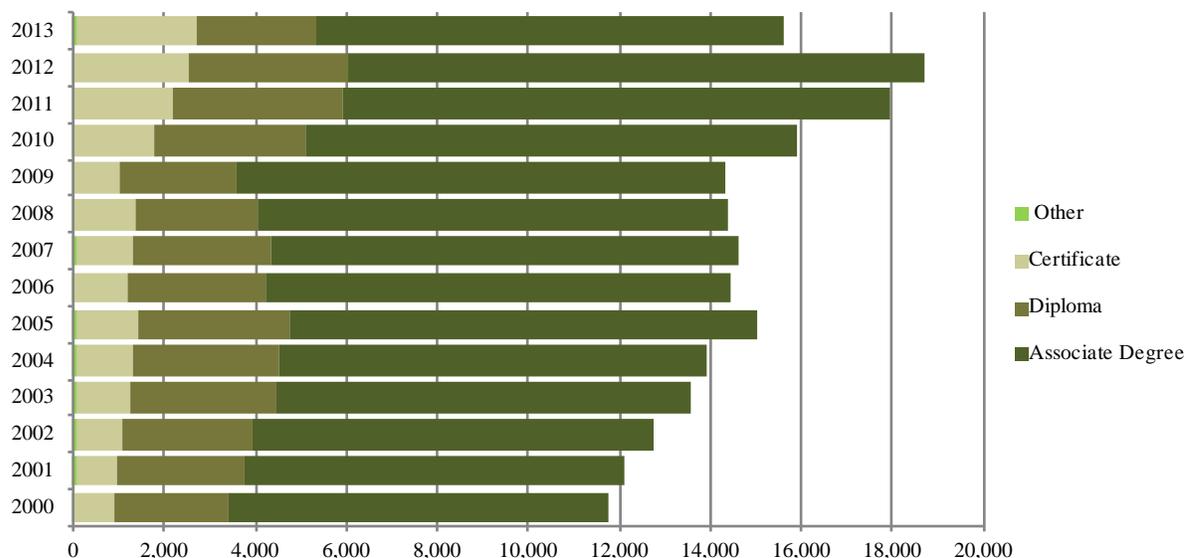
**CREDIT AWARDS**

LARGEST AWARD TYPE:  
**ASSOCIATE OF ARTS (AA)**  
51 more awards than Associate of Applied Science

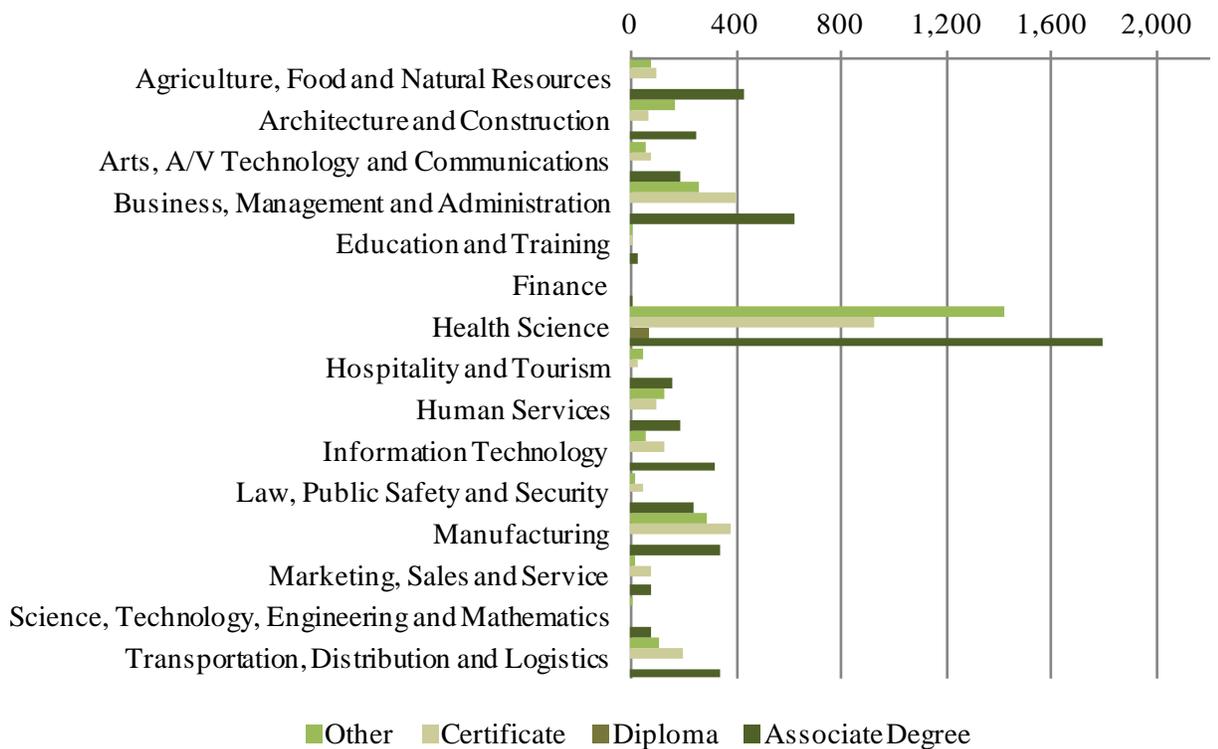
NUMBER OF AWARDS: **15,605**  **16.5%** DECREASED SINCE LAST YEAR:

Associate of Arts (AA), Associate of Science (AS), Associate of General Studies (AGS), Associate of Applied Arts (AAA), Associate in Applied Science (AAS), diplomas, and certificates. AA awards comprised 4,457 (28.6 percent) of the total credit student awards granted during fiscal year 2013. AAS awards accounted for another 4,406 (28.2 percent) of awards issued. The share of AS awards decreased from 8.0 percent in 2012, to 7.3 percent in 2013. The share of certificates increased from 13.4 to 17.0 percent, to a record high 2,654 between the same years; the number of diplomas decreased to 17.0 percent of all awards for a total of 2,654. AAA and AGS degrees, combined, presented under two percent of all awards.

**Figure 6-1: Awards by Type: 2000-2013**



**Figure 6-2: Fiscal Year Student Award by CTE Program: 2013**



NOTE: There were no awards in Government and Public Administration.

Credit student awards by program majors have remained fairly consistent over the past five years. All areas reflect some fluctuations between fiscal year 2006 and fiscal year 2012, with some decline in 2013. In career and technical education (CTE) programs, the largest number of awards was granted in health science, followed by business, manufacturing, transportation, distribution and logistics, management and administration; agriculture, food and natural resources, and architecture and construction programs. Steady over the last 13 years, the prevailing number of degrees (close to 50 percent) were associate degrees, followed by diplomas and certificates (Figure 6-2).

**Awardees Demographics**

The typical community college awardee is a white female with an AA or AAS degree in health science. In general, the same distribution is true for credit student enrollment; the awards, however, tend to be distributed even more heavily toward women. While 55 percent of all enrollees in Iowa community colleges in fiscal year 2013 were women, 59 percent of all awardees were women (Figure 6-3). Nationally, women also earn more awards than men (U.S. Department of Education, Integrated Postsecondary Education Data Systems, IPEDS, 2012). Women earned 58 percent of all awards given by U.S. public two-year institutions.

A similar trend was present for the racial distribution. Although whites comprised over 82 percent of Iowa community college enrollees in fiscal year 2013, they comprised 88.8 percent of all community college awardees. Nationally, however, whites comprised only 65.6 percent of all public two-year institutions awards recipients (IPEDS, 2012).

The distribution of awards among racial minorities

**Figure 6-3: Awardees by Gender: 2013**



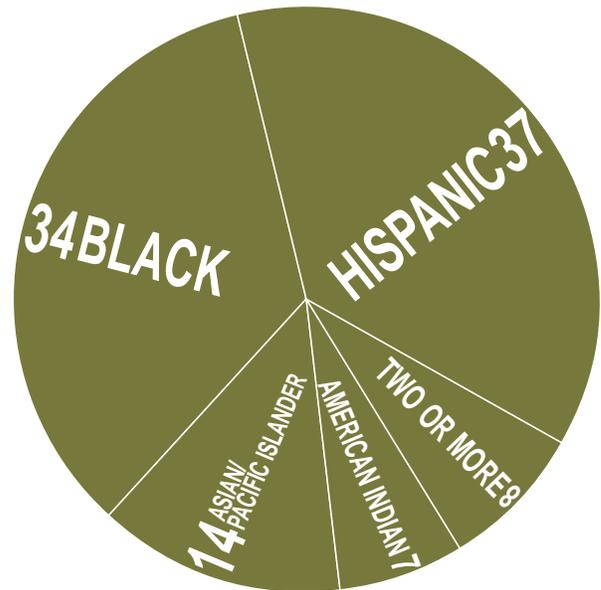
does not mirror enrollment, either. Blacks remained the largest group of enrollees among the racial and ethnic minorities (39.6 percent) in 2013, but comprised only 34.2 percent of minority awardees. Students of Hispanic origin comprised 37.2 percent of all awardees among racial and ethnic minorities, with only 31.0 percent of all minority enrollees in fiscal year 2013 (Figure 6-4).

Similar to all awardees, the overwhelming majority of awards received by racial minorities in 2013 were two-year degrees (64.4 percent), followed by certificates (19.3 percent), and diplomas (16.2 percent). The number of awards among racial and ethnic minorities has continued to grow, with some fluctuations, between the years of 2000 and 2013, by 7.0 percent on average (Figure 6-6). This is consistent with the growth of the overall community college population.

In 2013, over 40 percent of all CTE awards were in health science. The gender distribution, however, is even higher--over 60 percent of all CTE awards received by women were in health science. Women also led in business, management and administration, education and training, human services, arts and communications, while men received more awards in transportation, manufacturing, architecture and construction and agriculture (Figure 6-5).

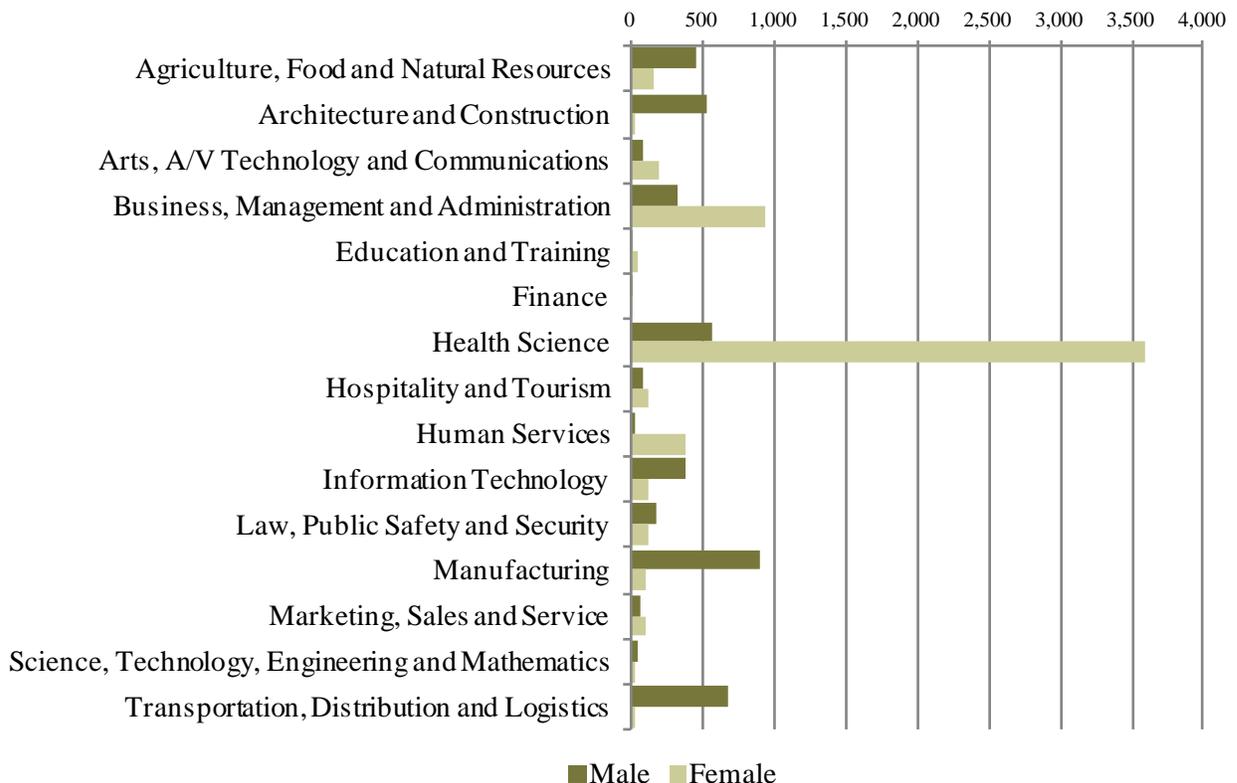
The majority of CTE awards for racial and ethnic

**Figure 6-4: Awards by Racial and Ethnic Minorities: 2013**



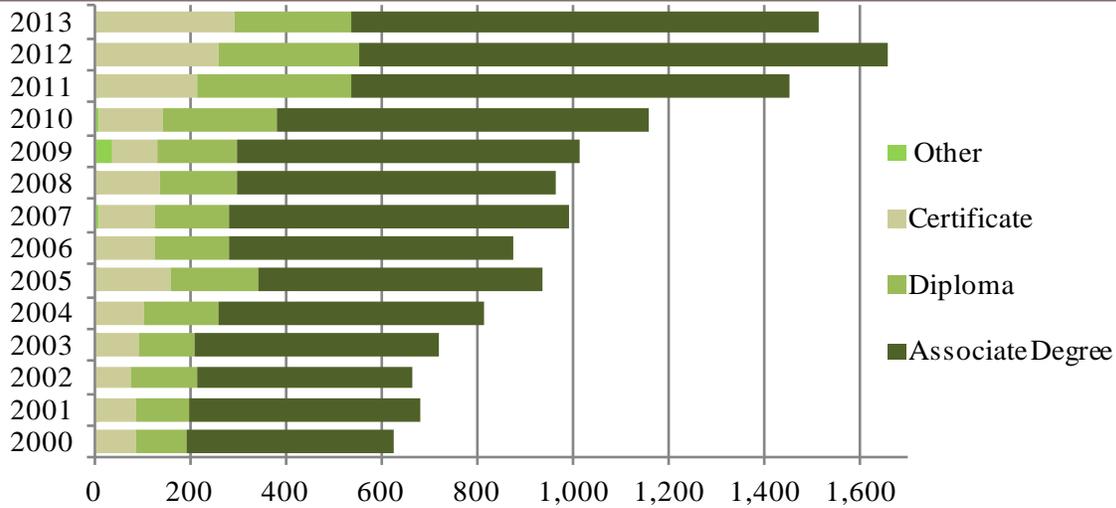
minorities were among health science students, followed by awards in business, management and administration. The distribution of awards was similar to all awardees. For example, 48.9 percent of all CTE awards received by minorities fell into health science (Figure 6-7).

**Figure 6-5: Award by Gender by Career Cluster: 2013**



NOTE: There were no awards in Government and Public Administration.

**Figure 6-6: Credit Student Awards within Racial/Ethnic Minority Group: 2000-2013**



**Award Rates and Distribution in Other States\***

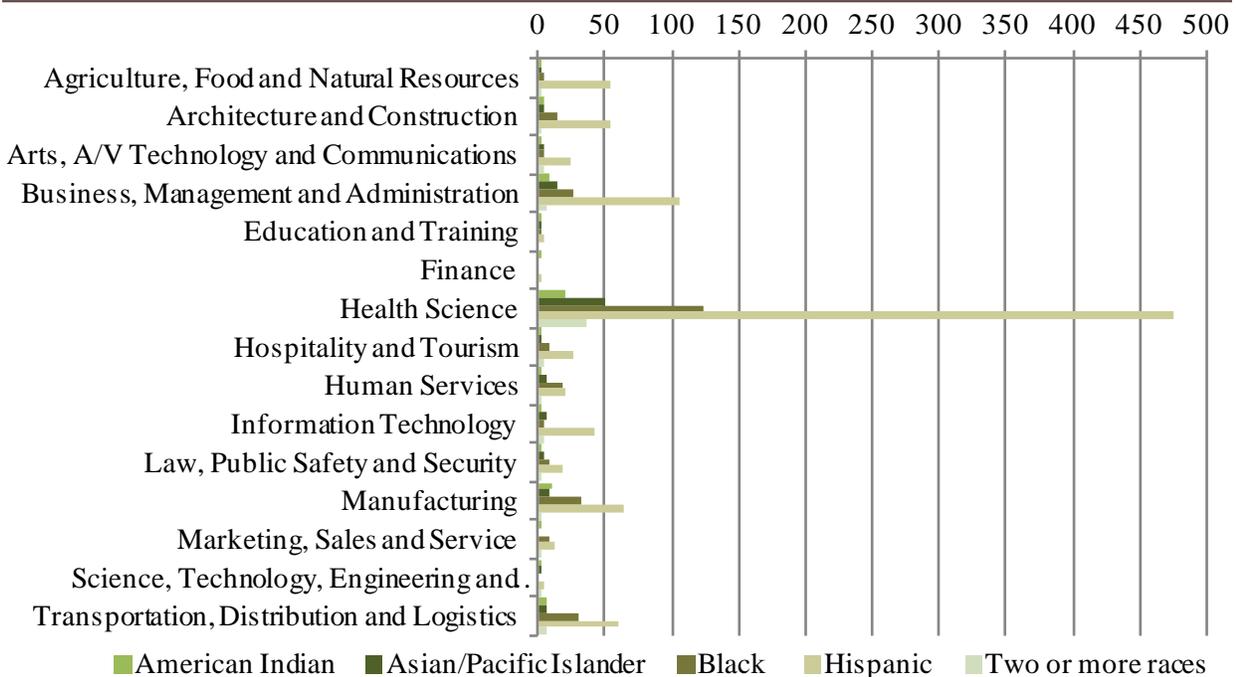
Award rates were approached in several ways: as the ratio between all enrollment and all awards; between Associate degrees and all enrollment; between all awards and FTE (Full-Time Equivalent), and as the ratio between Associate degrees and FTE. Compared to awards in public two-year institutions in contiguous states, Iowa community colleges are above average (which is 11 percent) on all awards vs. all enrollment: 12.6 percent; second after South Dakota on Associate degrees vs. all enrollment (8.5 percent); below average (which is 25.8 percent) on all awards vs. FTE with 25.6 percent; and

second (after South Dakota) on Associate degrees vs. FTE with 17.3 percent (Figure 6-8). Nationwide, Iowa is significantly higher than the 13.0 percent average on the number of Associate degrees per FTE, and ranks seventh among all states (Figure 6-9).

Although national data do not classify program areas in the same educational clusters, recent data aggregated by career clusters are analogous to Iowa community colleges. Similar to Iowa, most awards were granted in general studies intended to prepare for a four-year degree, followed by health/clinical sciences, and business (Figure 6-10).

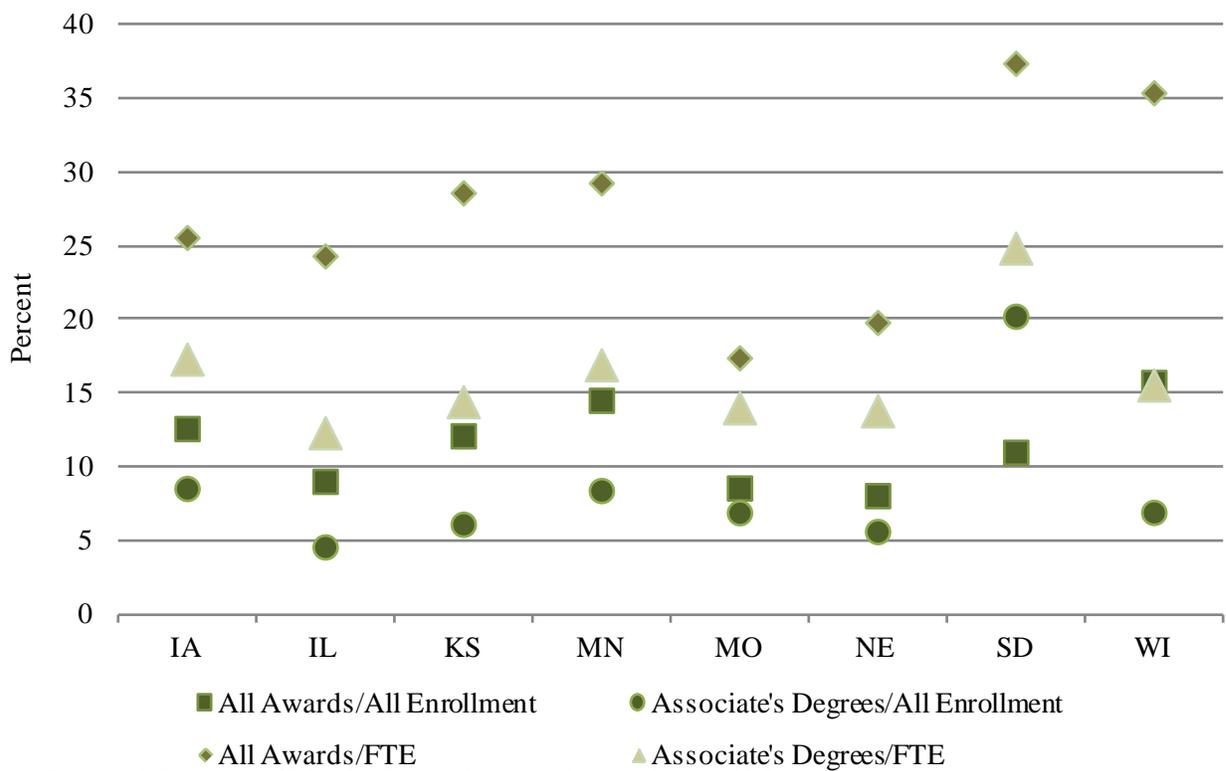
\*SOURCE: U.S. Department of Education, Integrated Postsecondary Education Data Systems, 2012.

**Figure 6-7: Credit Student Awards by CTE Program and Racial/Ethnic Minority: 2013**



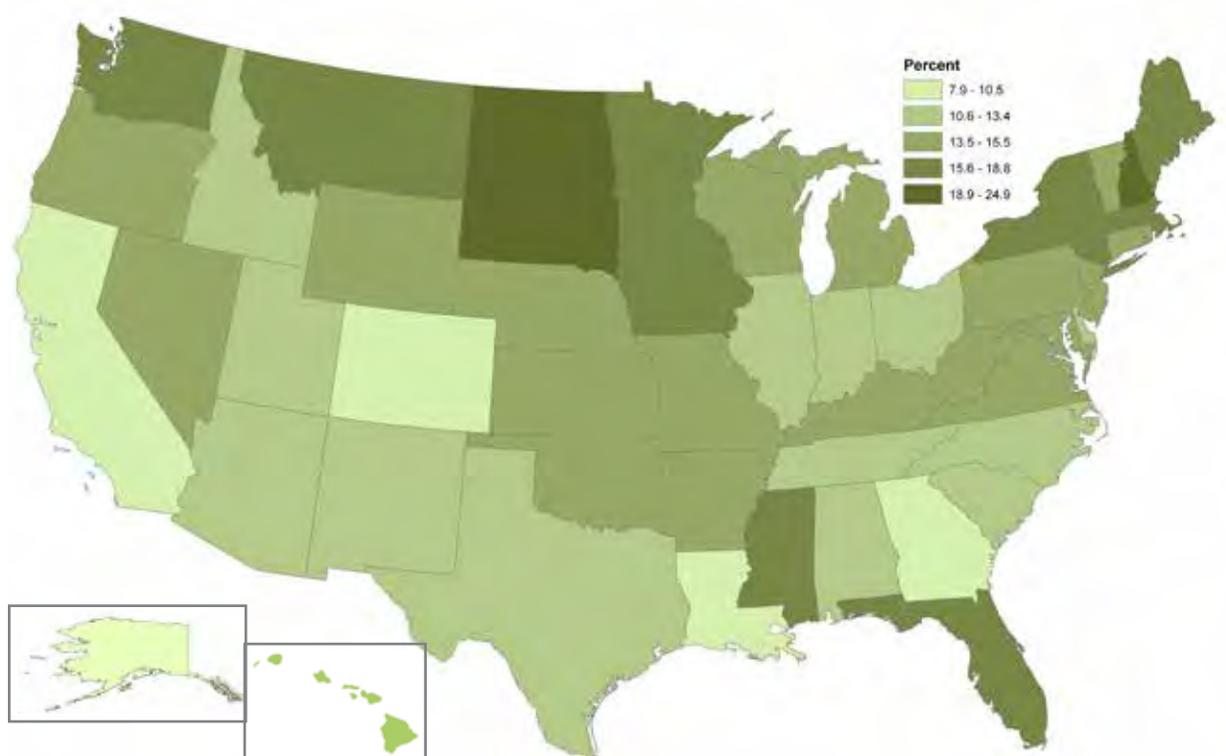
NOTE: There were no awards in Government and Public Administration.

**Figure 6-8: Credit Student Award Rates, Contiguous States: 2012**



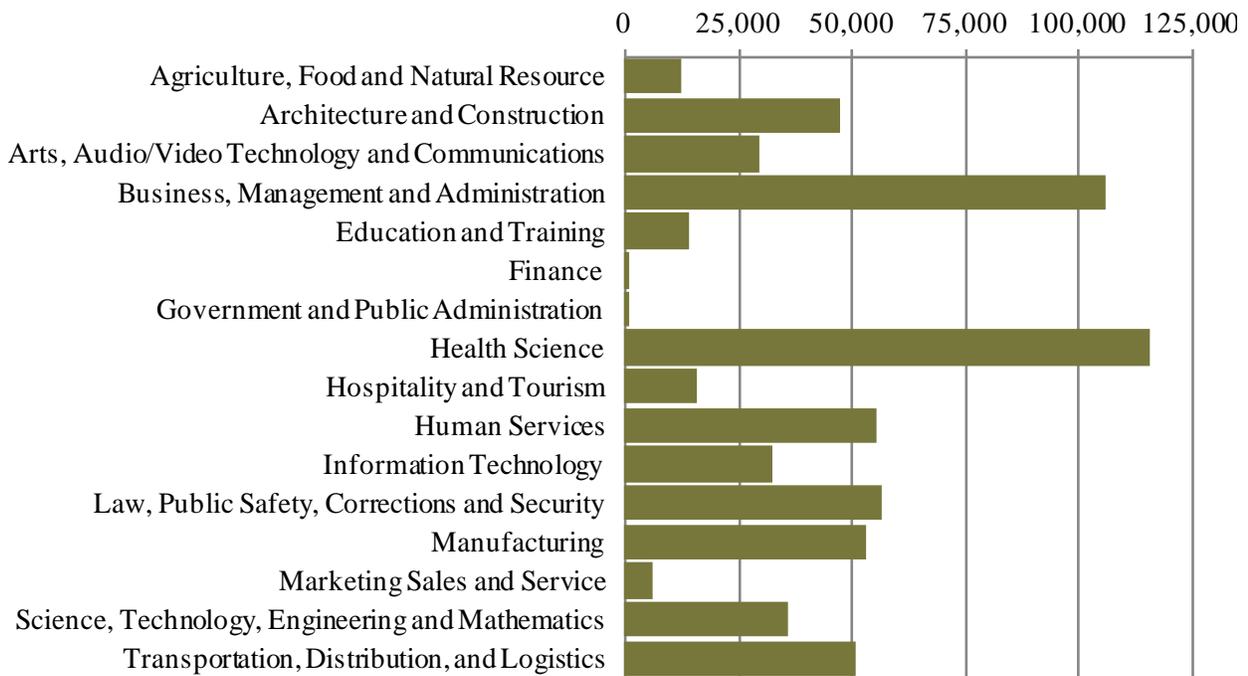
SOURCE: U.S. Department of Education, Integrated Postsecondary Data Systems, 2012.

**Figure 6-9: Number of 2-year Degrees per FTE Rate, 2-year Public Institutions: 2012**



SOURCE: U.S. Department of Education, Integrated Postsecondary Data Systems, 2012.

**Figure 6-10: U.S. Credit Student Awards by CTE Program: 2012**



\*SOURCE: U.S. Department of Education, Integrated Postsecondary Data Systems, 2012 and Perkins Collaborative Resource Network, 2013.

# 7

## CREDIT PROGRAMS

Credit programs provided by Iowa’s community colleges programs fall under two general categories: arts and sciences (A&S; a.k.a., college parallel or transfer) and career and technical education (CTE). The colleges’ A&S programs are designed to be the equivalent of the first two years of a baccalaureate program, preparing students for entry into a four-year college or university with junior standing. These programs culminate in an Associate of Arts (AA) or Associate of Science (AS) degree. In contrast, community college career and technical education (CTE) programs are primarily designed to prepare students to enter specific occupations requiring less than a four-year degree, while providing flexibility to those interested in pursuing additional postsecondary education. These programs culminate in an Association of Applied Arts (AAS), Associate of Applied Science (AAS), or Associate of Science Career Option (ASCO) degree, diploma, and/or certificate award.

Iowa’s community colleges are required to obtain approval from the Iowa Department of Education (DE) for all programs. Each of the state’s 15 community colleges is approved to offer A&S programs, which are recorded under a single “Liberal Arts and Sciences/Liberal Studies” Classification of Instructional Programs (CIP) title. Each

**Figure 7-1: Typical Arts and Sciences Program Areas**

Agriculture	Physical Therapy
Architecture	Pre-Dentistry
Business	Pre-Law
Design	Pre-Medicine
Education	Pre-Pharmacy
Engineering	Science
Math	Social Science
Nursing	

**Figure 7-2: National Career Clusters® (16)**



college maintains details regarding its specific A&S offerings. A list of typical offerings is listed in Figure 7-1. Approval of community college CTE programs follows a more structured process. These programs are recorded under many CIP titles and organized around the National Career Clusters® Framework, which consists of the 16 Career Clusters® listed in Figure 7-2. Each Career Cluster® represents a distinct grouping of occupations and industries based on the knowledge and skills they require.<sup>1</sup>

<sup>1</sup>See <http://www.careertech.org/career-clusters/glance/at-a-glance.html> for additional information regarding the Career Cluster® Framework.

### CurricUNET

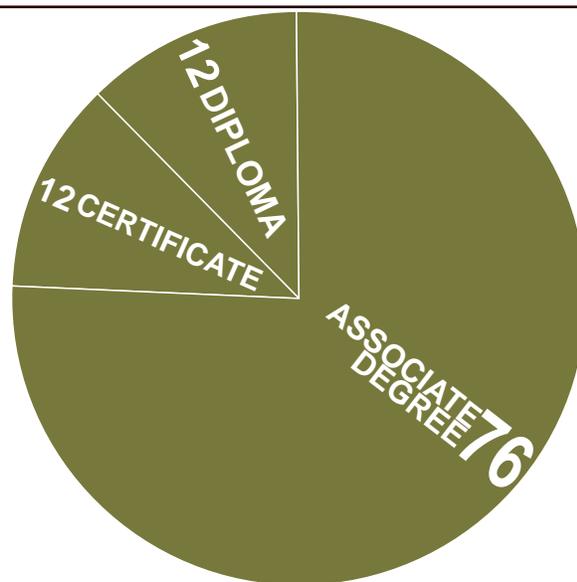
In September, 2011, the DE began steps to implement a statewide community college program and common course numbering management system. Implementation was guided by a broad group of stakeholders, including representation from each of the state’s 15 community colleges. This web-based system, known as CurricUNET, facilitates curriculum creation, management, modification, and approval. As of fiscal year 2013, CurricUNET has been implemented by the DE, and, to varying degrees, each college. For the public, a website<sup>2</sup> is maintained that provides an opportunity to search for a desired program or course throughout the community college system.

<sup>2</sup>See [http://www.curricunet.com/iowa\\_doe](http://www.curricunet.com/iowa_doe).

**Figure 7-3: New Credit Career and Technical Education Programs by National Career Cluster® : 2013**



**Figure 7-4: New Credit Career and Technical Education Programs by Award Type: 2013**

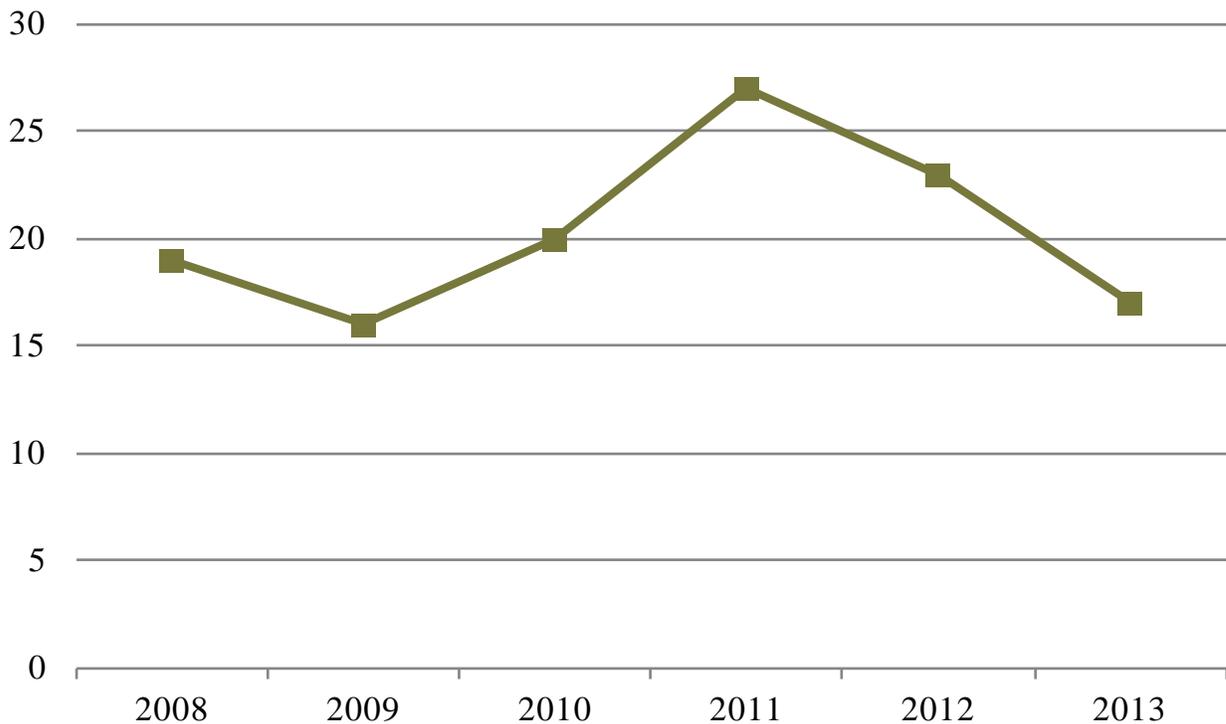


### New Credit CTE Programs

From fiscal year 2008 through 2013, an average of 19 new credit CTE programs have been approved annually for Iowa community colleges. During fiscal year 2013, 17 new CTE programs for eight community colleges were approved by the DE. This was six fewer than approved in 2012 (23) and the lowest total since 2009 (16) (Figure 7-6). Table 7-1 provides a summary of the specific programs approved. The new programs were fairly evenly distributed among ten Career Clusters® (Figure 7-3). Three programs each were added in arts, a/v technology and communications, manufacturing, and agriculture, food, and natural resources. Information technology added two new programs, while the following Career Clusters® added one new program each: health science; architecture and construction; business, management and administration; education and training; hospitality and tourism; and science, technology, engineering and mathematics (STEM). Each of the 16 Career Clusters® is also categorized into one of seven CTE service areas recognized within Iowa.

Of the new CTE programs, 13 (76 percent) offered an associate degree while two each (12 percent) offered a diploma award and a stand-alone certificate award. These percentages are illustrated in Figure 7-4. The percentages represent the highest award offered within the new program; it is possible for a program to include multiple award types. For fiscal year 2013, two of the newly approved programs included provisions for multiple award types.

**Figure 7-6: Number of New Career and Technical Education Programs: 2008-2013**



**Career and Technical Education Programs**

In addition to introducing new programs, Iowa community colleges are provided annual opportunities to request modifications to existing (previously approved) CTE programs. Modification requests typically include adding and/or removing courses comprising the program, changes to the term(s) in which given courses are to be completed, and changes in award options offered. Colleges can also request to discontinue programs.

During the 2013 fiscal year, Iowa's community colleges offered 756 programs with 1,412 award options (Figure 7-5).

The colleges offered 251 unique technical programs representing a variety of careers. While the number of award options and all programs slightly decreased in 2013 (1.1 and 0.5 percent correspondingly), the number of unique CTE programs slightly increased by 0.8 percent.

**Figure 7-5: Credit Career & Technical Award Options: 2013**



**Table 7-1: New Career and Technical Education Programs: 2013**

College	Program Title	Federal Cluster/State Cluster
North Iowa Area	Computer Support Specialist	Information Technology/Business
North Iowa Area	Computer and Information System Security/ Information Assurance	Information Technology/Business
Iowa Lakes	Water Quality and Wastewater Treatment and Recycling Technology/Technician	Agriculture, Food and Natural Resources/Agriculture
Iowa Lakes	Meeting and Event Planning	Hospitality and Tourism/Family and Consumer Sciences
Iowa Central	Commercial Photography	Arts, A/V Technology and Communications/Industrial Technology
Hawkeye	Digital Communication and Media/Multimedia	Arts, A/V Technology and Communications/Industrial Technology
Hawkeye	Carpentry/Carpenter	Architecture and Construction/ Industrial Technology
Kirkwood	Automation Engineer Technology/Technician	Science, Technology, Engineering and Mathematics/Industrial Technology
Western Iowa Tech	Design and Visual Communications, General	Arts, A/V Technology and Communications/Industrial Technology
Western Iowa Tech	Public Relations/Image Management	Business, Management and Administration/Industrial Technology
Western Iowa Tech	Physical Education Teaching and Coaching	Education and Training/Family and Consumer Sciences
Southwestern	Industrial Mechanics and Maintenance Technology	Manufacturing/Industrial Technology
Southwestern	Welding Technology/Welder	Manufacturing/Industrial Technology
Southwestern	Agronomy and Crop Science	Agriculture, Food and Natural Resources/Agriculture
Southwestern	Animal/Livestock Husbandry and Production	Agriculture, Food and Natural Resources/Agriculture
Indian Hills	Phlebotomy Technician/Phlebotomist	Health Science/Health Occupations
Indian Hills	Welding Technology/Welder	Manufacturing/Industrial Technology

NOTE: Table represents program requests received and approved between 7/1/12 through 6/30/13.

# 8

## NON-CREDIT ENROLLMENT AND PROGRAMS

Non-credit programs contain a variety of instructional offerings including personal and academic basic skill development, skill development for preparation of individuals entering the workforce, technical courses directly related to specific industry-based work opportunities, and courses to pursue special interests. In fiscal year 2013, 246,555 individuals participated in non-credit programs and courses. Enrollment dropped 0.76 percent since last year with an average decrease of 3.1 percent since 2009 (Figure 8-1). The same pattern is applicable to contact hours with a decrease of 3.5 percent since last year. Since 2009 there has been an average decline of 4.4 percent (Figure 8-2).

### Non-Credit Courses and Programs

Enrollment in non-credit courses is disaggregated into several program categories and was manifested by 428,577 courses in 2013 (Figure 8-3). The largest of these categories, 50.6 percent in 2013 consisted of non-credit courses designed to enhance students' employability or academic success. If adult basic skills, adult learning and family/individual development and health were included

**NON-CREDIT ENROLLMENT**

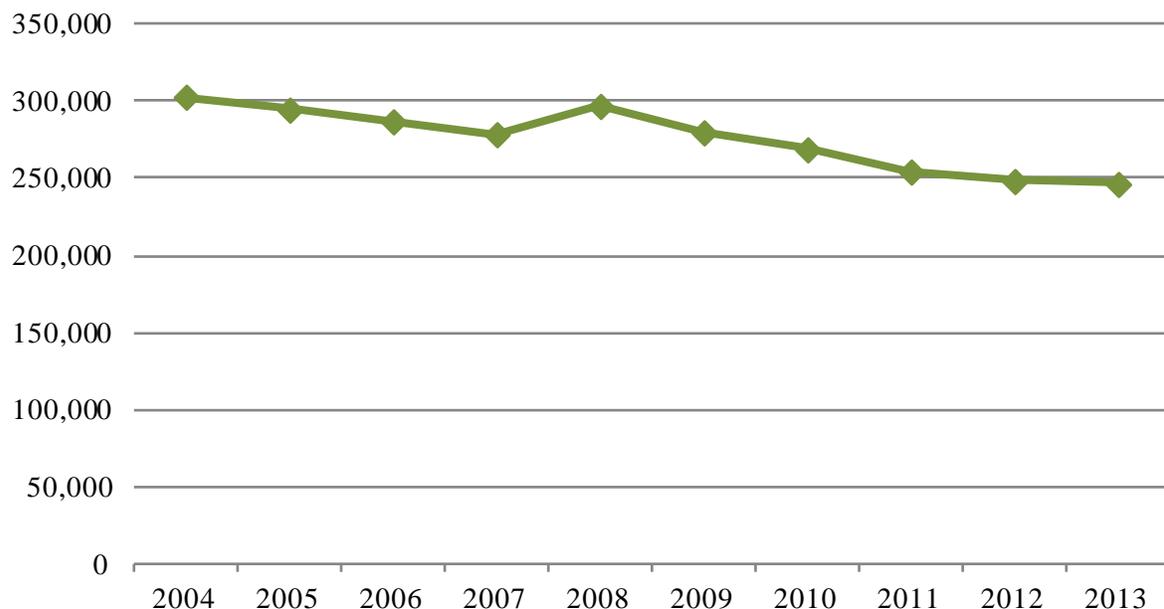
NUMBER OF STUDENTS: **246,555** DECLINED SINCE LAST YEAR: **0.8%**

CONTACT HOURS: **7,319,965** CONTACT HOURS PER STUDENT: **29.7**

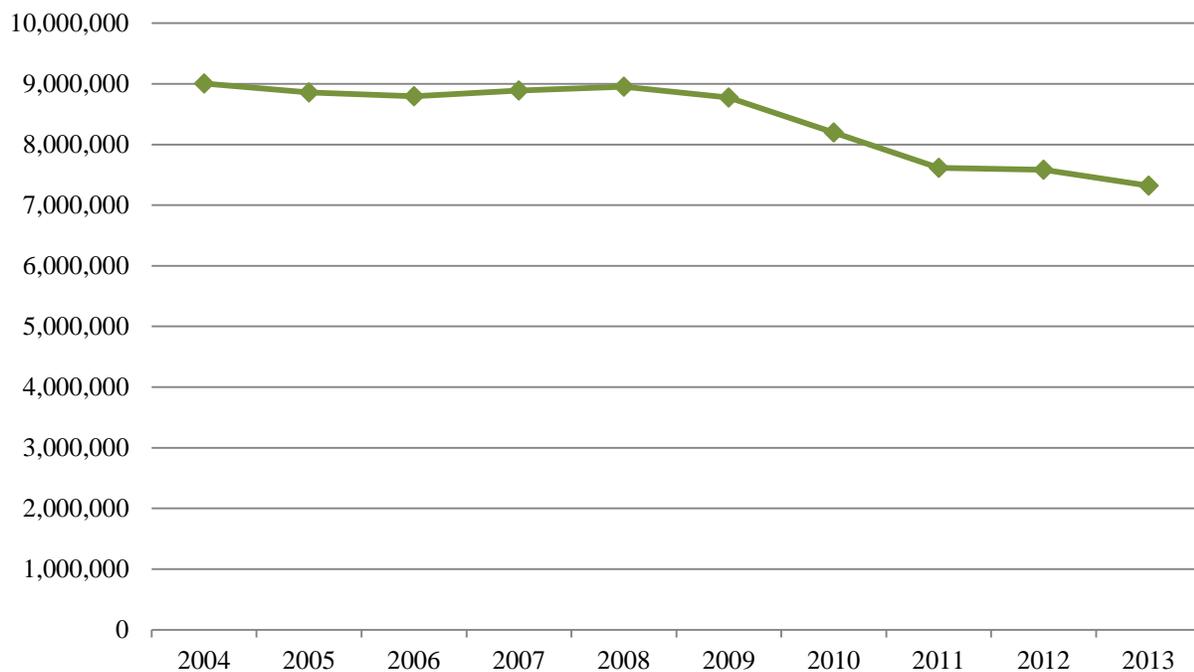
Down 1.3% since 2012      Down 2.7% since 2012

in the definition of enhancing students' employability and academic success this would total 61.7 percent of course offerings in 2013. The second largest category of non-credit enrollment included state or federally mandated, state recognized, or court ordered or referred courses (16.8 percent of all programs). Slightly less were programs and courses that were designed for recertification and relicensure (15.2 percent, Figure 8-14). Courses within these two categories include the drinking drivers, driver improvement (DIP), community rehabilitation programs, used auto dealer training, mine safety and health, along with various vehicle operators training.

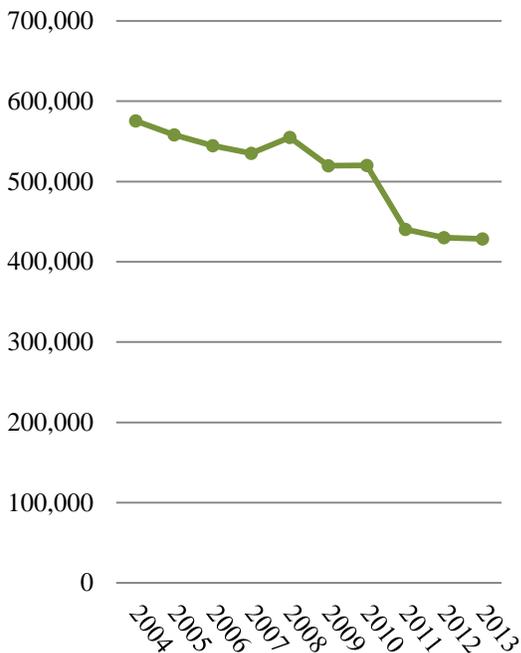
**Figure 8-1: Fiscal Year Non-Credit Enrollment: 2004-2013**



**Figure 8-2: Fiscal Year Non-Credit Contact Hours: 2004-2013**



**Figure 8-3: Non-Credit Courses Delivered: 2004-2013**



### Non-Credit Skill Enhancement Enrollment by Career Clusters

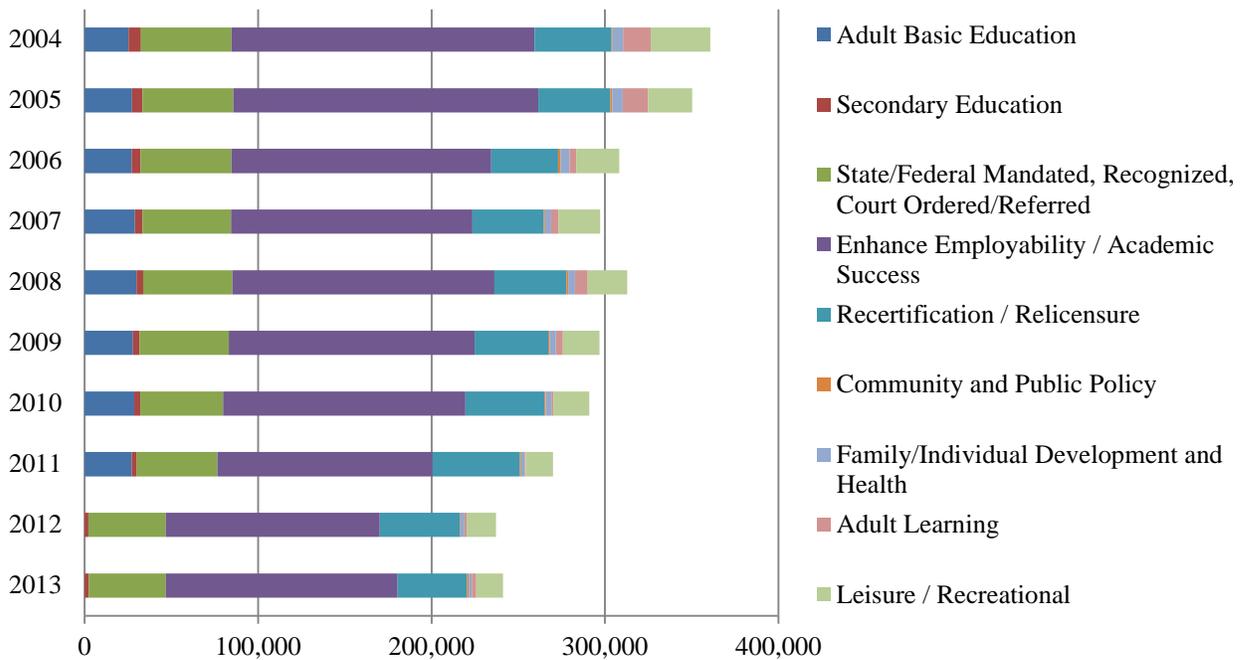
Skill enhancement courses in the non-credit reporting category are designed to provide short-term programs and non-credit courses for the specific purpose of training persons for employment and upgrading and retraining

the skills of persons presently employed. Courses and programs designated as short term preparatory are also included within this category. Skill enhancement courses include many options that align with the 16 national Career Clusters, the framework for organizing and delivering career and technical education programs.

In fiscal year 2013, 133,495 students were enrolled in skill enhancement courses with 127,758 reported in one of the 16 national Career Clusters. Colleges reported over 2,287,595 contact hours with only 54,804, or 2.4 percent of the total contact hours reported as not taken within one or more of the 16 national Career Clusters. Non-credit enrollment at the Iowa community colleges, distributed among national career clusters, contains a high percentage of student contact hours in health sciences, transportation, distribution and logistics, business, management and administration, and manufacturing. For a comparison with credit student enrollment, see Section 3, Fiscal Year Credit Enrollment and Demographics.

In fiscal year 2013, 65,000 students were enrolled in non-credit health science courses. This is a ten percent increase since last year and represents 50.9 percent of the total enrollment for skill enhancement. Colleges reported 14.2 percent of enrollees in business, management, and administration courses. A total of 9.8 percent of enrollees in manufacturing, followed by 4.9 percent in law public safety and security, 3.8 percent in transportation, distribution and logistics, 2.8 percent in agriculture, food and natural resources, 2.7 percent in human services, and 2.7 percent of enrollees in architecture and construction (Figures 8-7 and 8-8).

**Figure 8-4: Enrollment by Program Type: 2004-2013**



**Gender and race/ethnicity of Skill Enhancement Programs Participants**

Historically, females have composed most of community college non-credit enrollment. In fiscal year 2013, females represented 52 percent of enrollment and males represented 48 percent. Conclusions based on reported gender data should be made cautiously as 24,055 enrollees, or 20 percent, were reported without a gender category (Figure 8-5).

Of the 47,520 students reporting ethnicity and race (39.4 percent of the total enrollment in this category) 3.8 percent in fiscal year 2013 self reported as Hispanic or Latino. White (89.4 percent) was the predominant category; Blacks comprised 5.2 percent, two or more races comprised 2.5 percent (Figure 8-6).

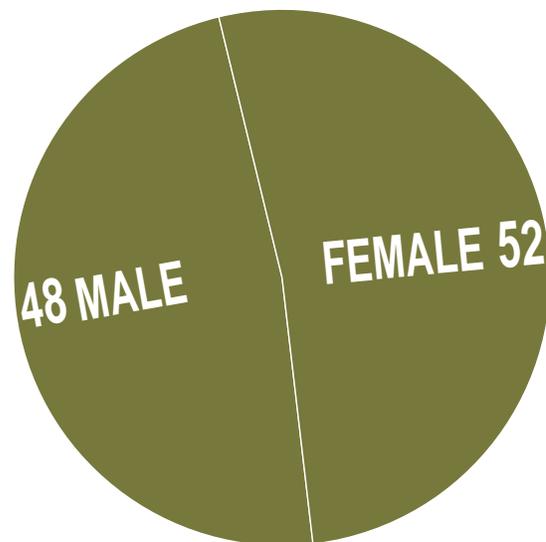
**State and Federally Mandated Programs**

As previously stated, non-credit courses include state or federally mandated, court ordered or referred courses and programs that are designed to meet legislated or licensing requirements as defined in the Code of Iowa.

State and federally mandated coursework enrollment declined by 0.8 percent from the previous year (Figure 8-9). The average annual decrease in enrollment in this category from 2009 to 2013 was 3.6 percent.

State and federally mandated programs vary in their scope and level of enrollment, as displayed in Figure 8-11.

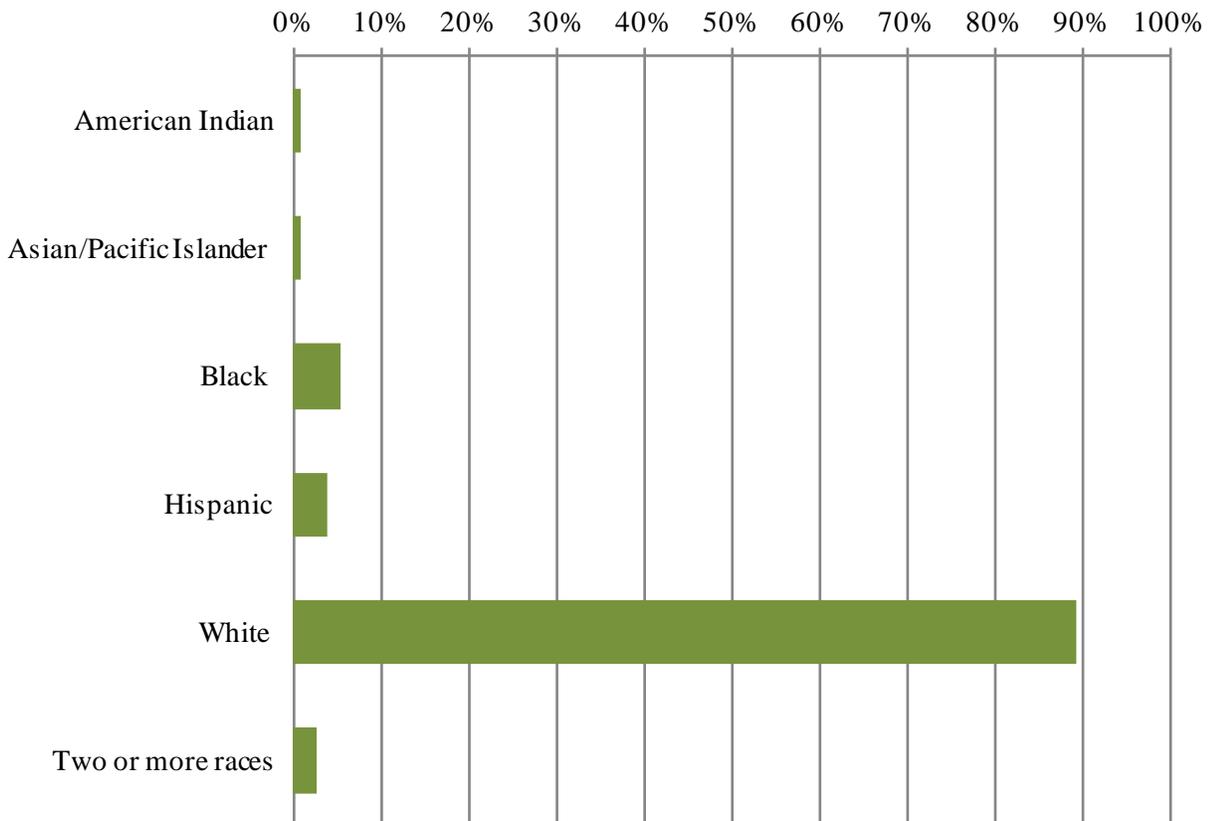
**Figure 8-5: Non-Credit Skill Enhancement Programs Enrollment by Gender**



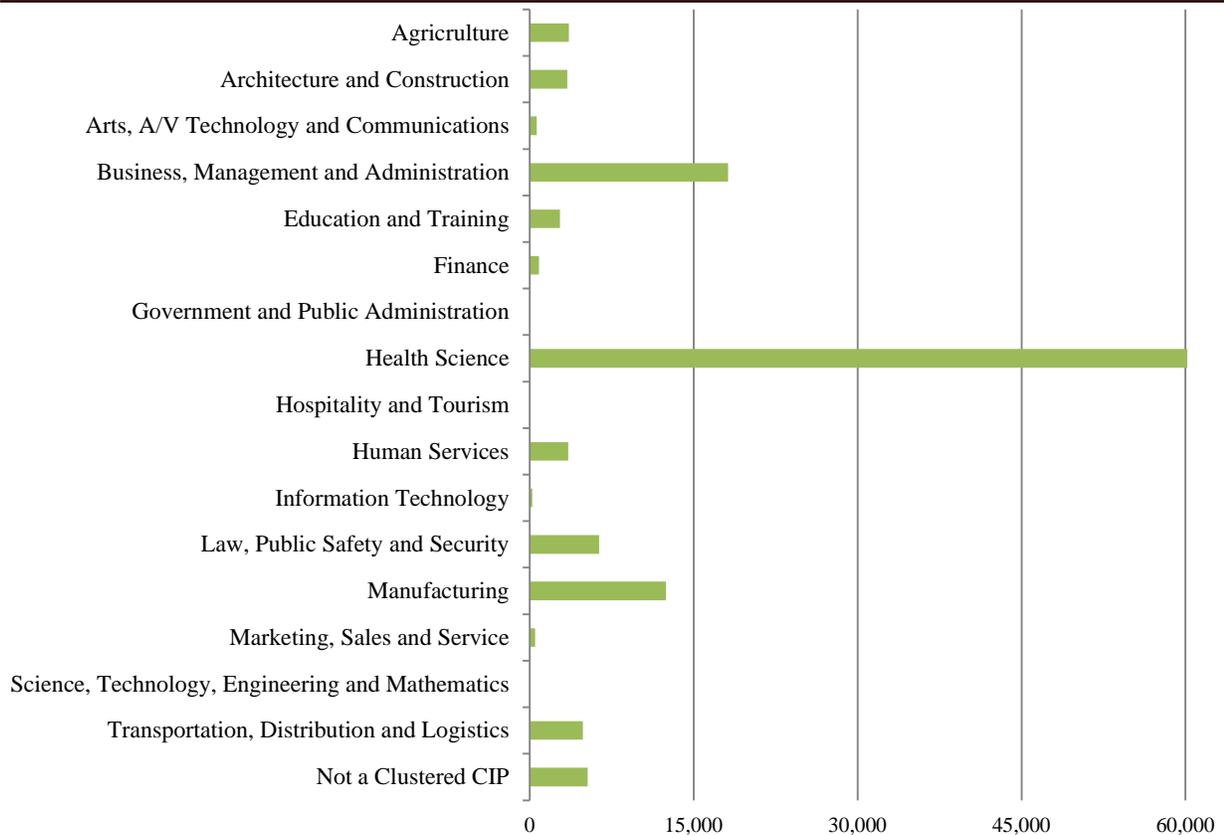
**Non-Credit Mine Safety and Health**

The Iowa Department of Education administers a federal grant from the U.S. Department of Labor and Mine Safety and Health Administration (MSHA), which provides funds for training and services delivered to mine owners/operators/contractors in the state of Iowa. Enrollment in MSHA programs between 2009 and 2013 has dropped dramatically by 21.7 percent with 814 students enrolled in fiscal year 2013 (Figure 8-10).

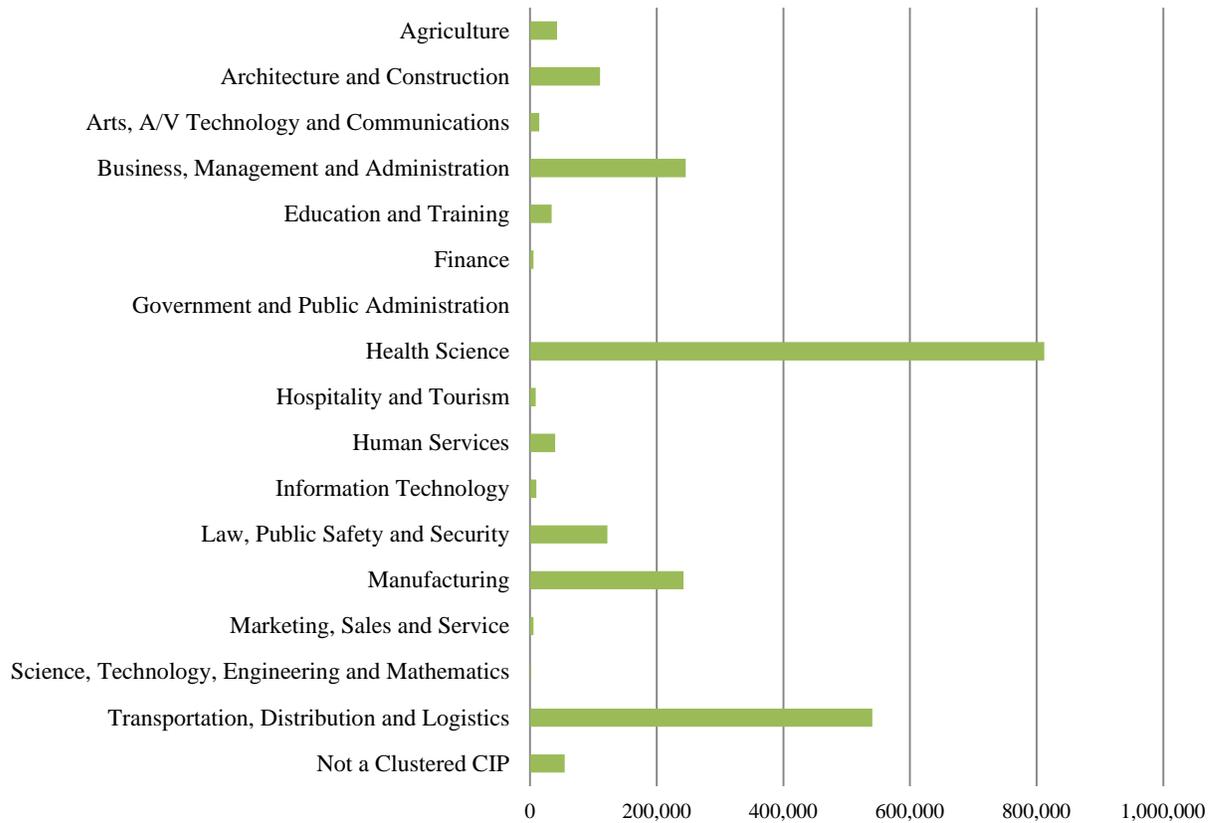
**Figure 8-6: Non-Credit Skill Enhancement Programs Enrollment by Race/Ethnicity**



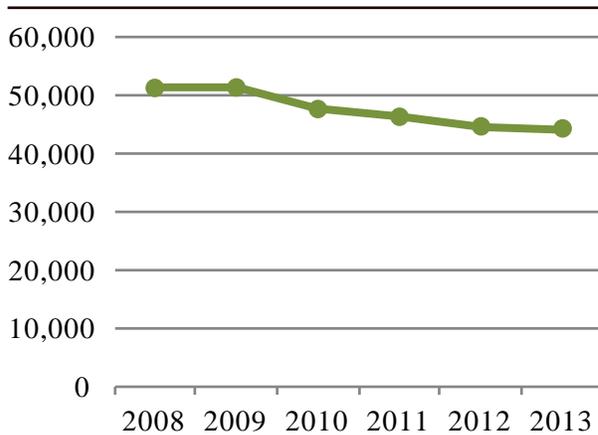
**Figure 8-7: Non-Credit Skill Enhancement Enrollment by Career Cluster**



**Figure 8-8: Non-Credit Skill Enhancement by Career Cluster Contact Hours**



**Figure 8-9: State and Federally Mandated, Recognized, Court Ordered or Referred Enrollment: 2008-2013**



**Non-Credit Drinking Drivers (DUI) Course Enrollment**

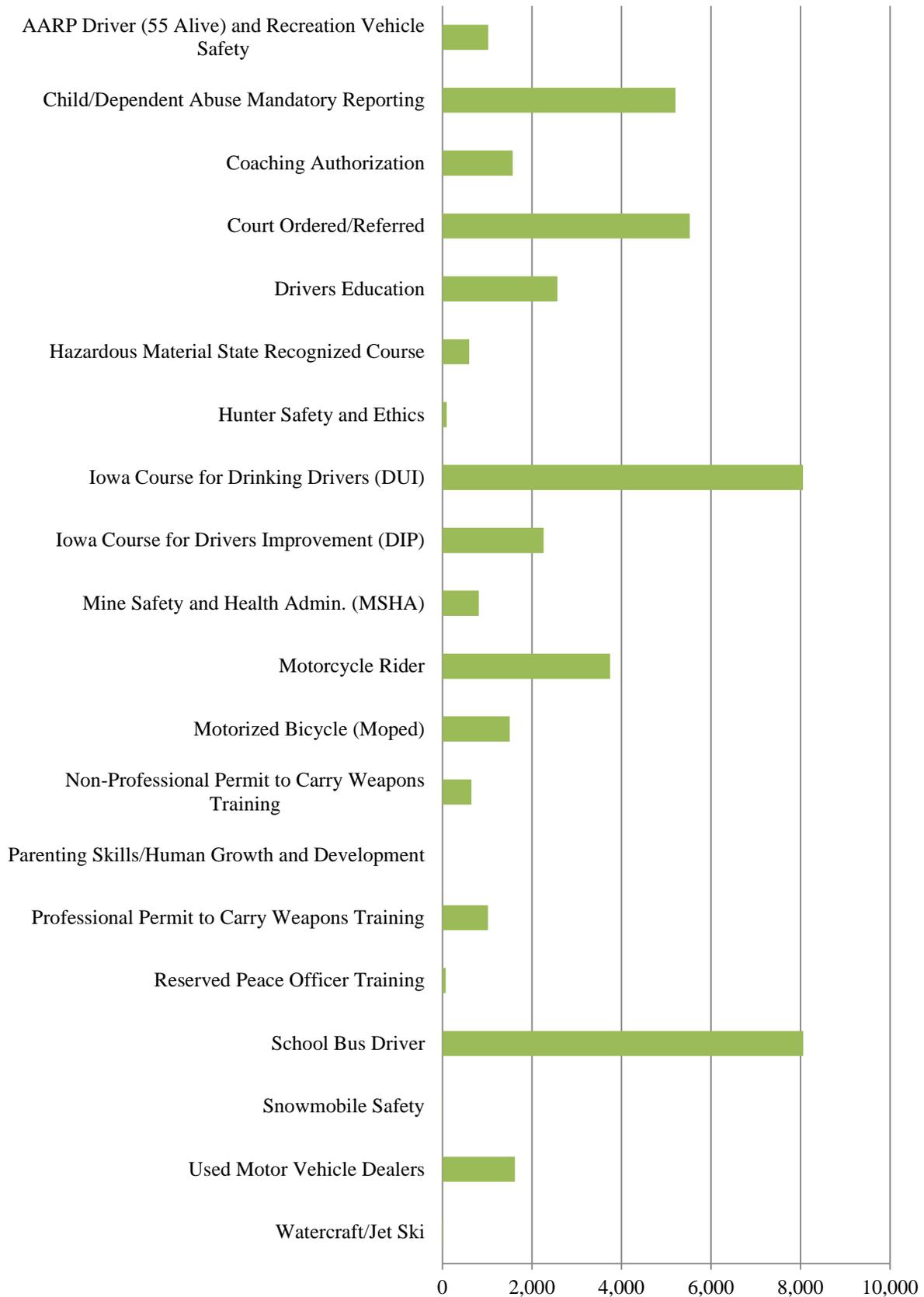
The Iowa Course for Drinking Drivers is the state-mandated course for drivers convicted of driving while under the influence of drugs and/or alcohol. Iowa community colleges and private providers, licensed through the Iowa Department of Public Health, offer the

**Figure 8-10: MSHA Enrollment: 2004-2013**

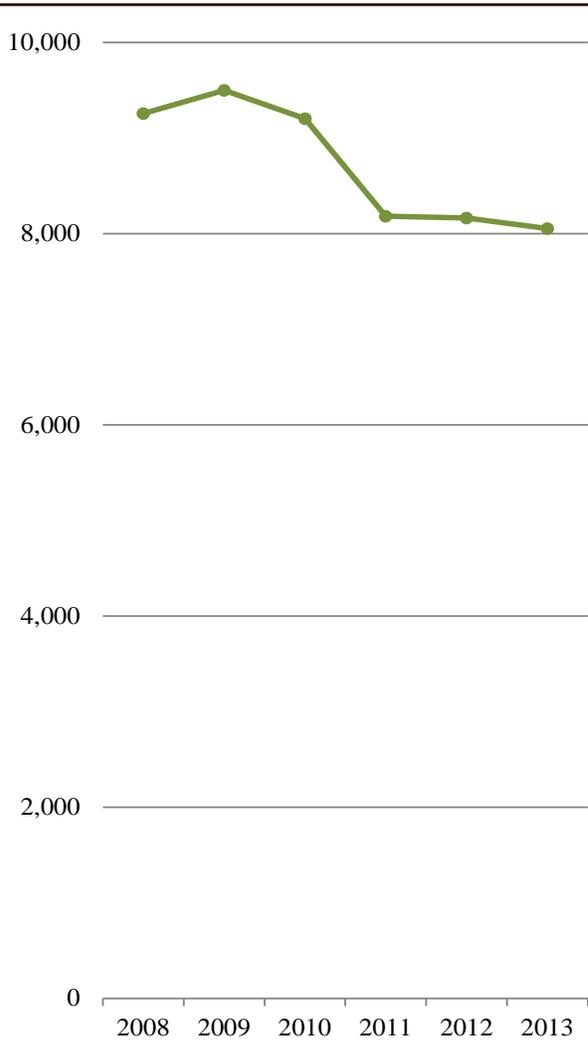


state-approved program. Enrollment in drinking driver education courses decreased an average of four percent annually between 2009 and 2013, with a corresponding four percent decline in contact hours (Figure 8-12).

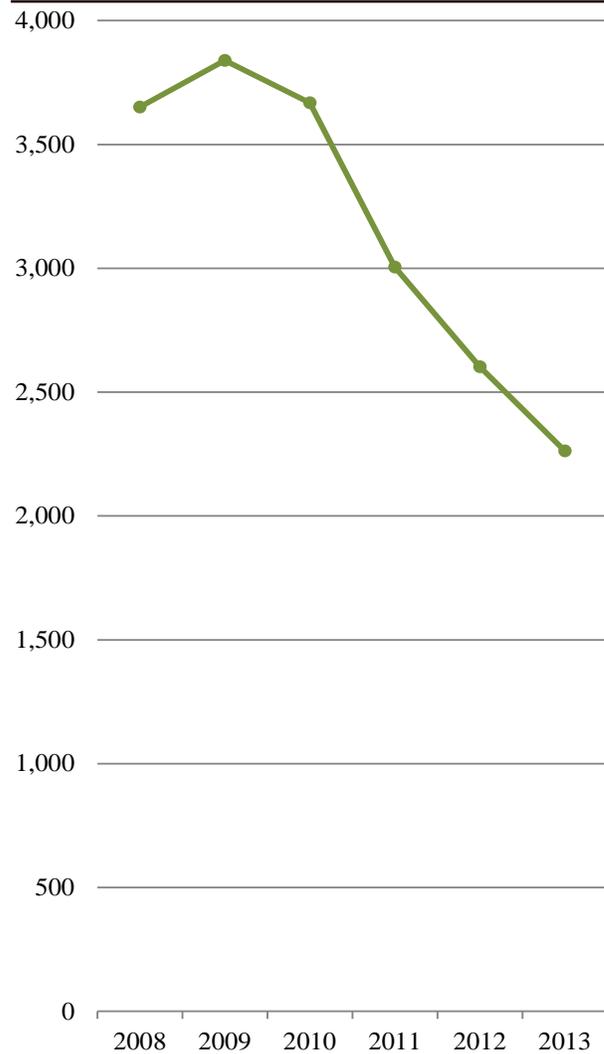
**Figure 8-11: State/Federal Mandated, Recognized, Court Ordered/Referred Programs**



**Figure 8-12: Iowa Drinking Driver Course Enrollment: 2008-2013**



**Figure 8-13: Iowa Driver Improvement Enrollment: 2008-2013**



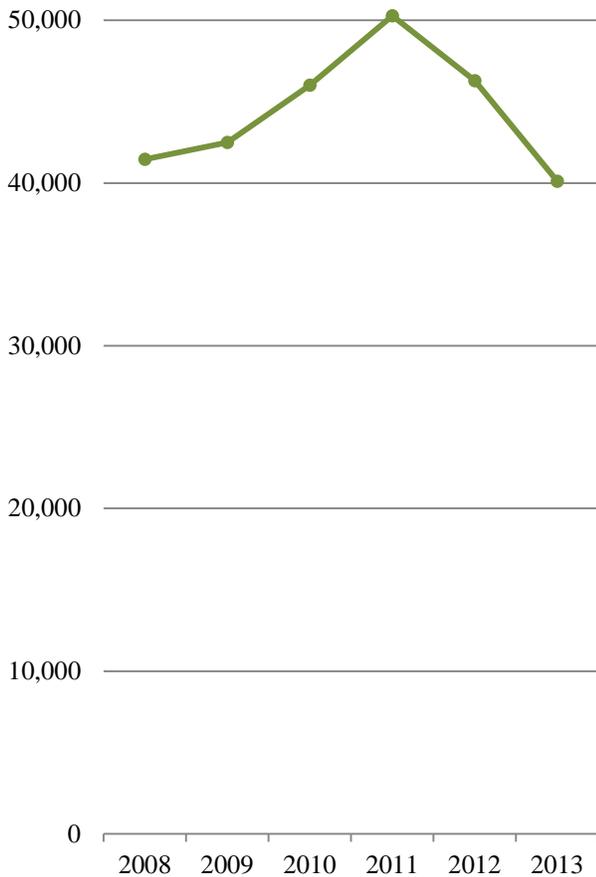
**Non-Credit Driver Improvement (DIP) Enrollment**

Iowa Course for Driver Improvement (DIP) is the state-mandated course designed for persons who have committed a serious violation of a motor vehicle law in Iowa. Iowa community colleges provide the program with the assistance from the Iowa Department of Transportation. Enrollment in the program decreased an average of 12.4 percent annually from fiscal year 2009 fiscal year 2013 (Figure 8-13). Contact hours for the Driver Improvement courses also decreased. From the previous year, there was an 11.7 percent decline. A 12.4 percent average decrease has occurred between program years 2009 and 2013.

**Recertification and Relicensure**

The coursework under this category is designed for individuals employed in occupations that may or may not require a four-year degree and whose positions require them to be recertified or relicensed to maintain employment (e.g., chemical application, insurance). The recertification or relicensing is coursework that does not lead to an additional degree. Of the 40,106 students enrolled in recertification and relicensure coursework in 2013, 59.2 percent were in healthcare related courses including practical nursing, EMT paramedics and Allied Health services. Overall, recertification and relicensure enrollment decreased by 11.3 percent in 2013 from the previous year. In this category, average annual enrollment between 2008 and 2013 declined by 1.4 percent (Figures 8-14 and 8-17).

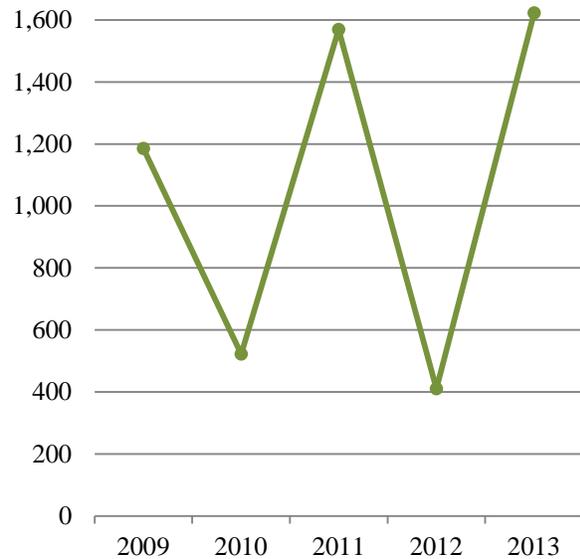
**Figure 8-14: Re-certification and Re-licensure Enrollment: 2008-2013**



**Used Motor Vehicle Dealer Education**

The Used Motor Vehicle Dealer coursework ensures pre-licensing requirements, established in Iowa Code (Chapter 21) in 2009, are met for used auto dealers in Iowa. The curriculum is delivered through continuing education departments at Iowa community colleges. The pre-licensing requirements were established in Iowa Code (Chapter 21) in 2009. The number of students enrolled in used auto dealer courses is cyclical as illustrated in Figure 8-15. Fiscal year 2013 resulted in a 395.6 percent increase with 1,622 students enrolled. The average annual enrollment has decreased 23.3 percent from 2009 to 2013. Contact hours decreased an average of 20.2 percent from 2009 to 2013, consistent with the pattern of the enrollment changes between program years.

**Figure 8-15: Used Motor Vehicle Dealer Education Enrollment: 2009-2013**



**Community and Public Policy**

Community and Public Policy coursework focuses on the systematic analysis of public policy issues and community decision processes. Classes include instruction in the role of economic and political factors in public decision-making and policy formation, and microeconomic analysis of policy issues. Enrollment in Community and Public Policy programs for fiscal year 2013 increased by 216.6 percent since last year, with 992 enrolled. However, there has been an average decrease of 11.7 percent annually from 2009 to 2013 (Figure 8-16).

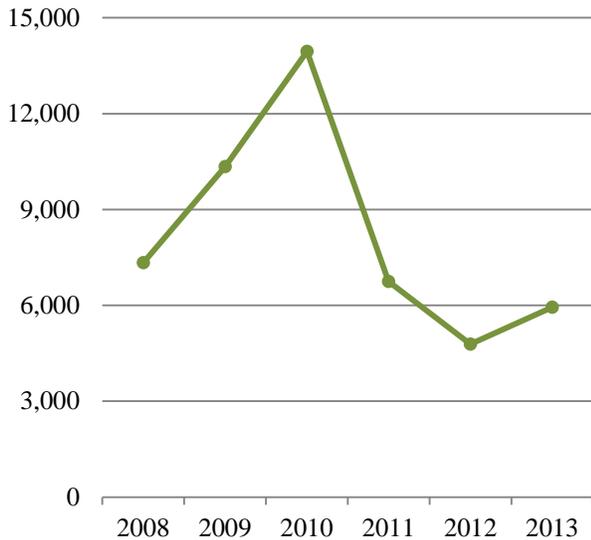
**Figure 8-16: Community and Public Policy Enrollment: 2009-2013**



**Figure 8-17: Re-certification and Re-licensure Programs**



**Figure 8-18: Online Courses Delivered: 2008-2013**

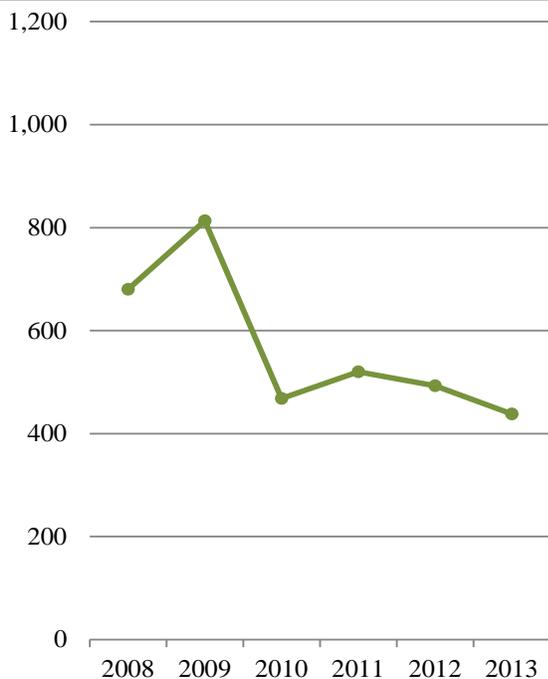


### Online Non-Credit Courses

Online non-credit enrollment increased in 2013 by 24.2 percent since last year (Figure 8-18). Average enrollment between 2009 and 2013 has decreased by 13 percent. However, contact hours have increased over the same five year period by 6.3 percent. Students in 2013 averaged 32.2 contact hours each.

Overall, 2.4 percent of students enrolled in non-credit coursework received it through online delivery in 2013.

**Figure 8-19: Community Rehabilitation and Sheltered Workshop Enrollment: 2008-2013**



## Community Rehabilitation and Sheltered Workshops

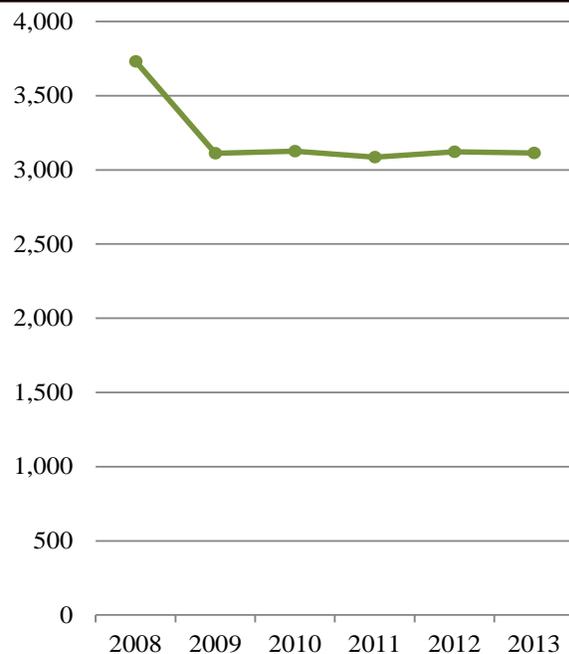
Iowa community colleges deliver programs for people in community rehabilitation centers (sheltered workshops). Enrollment in these programs has decreased sharply over the past five years—an average of 14.3 percent annually between 2009 and 2013 (Figure 8-19). Seven colleges (46.7 percent) reported enrollment and contact hours in sheltered workshops in 2013. In five of the seven colleges, enrollment decreased since last year. Statewide student enrollment decreased by 55 students, resulting in a 30.9 percent decrease in contact hours in 2013.

## Enrollment in Correctional Institutions

Iowa community colleges delivered non-credit coursework to residents of correctional institutions to enhance the life, academic skills and employability success of criminal offenders. Enrollment in 2013 was 3,114 students, a slight decrease of 0.2 percent (Figure 8-20). Nine of the fifteen colleges (60.0 percent) reported courses delivered in 2013, with three of those colleges showing gains for the past five years.

Overall, the average change in enrollment between 2009 and 2013 has been flat. Contact hours and courses delivered have slightly decreased in the same time period, 0.2 percent and 1.7 percent respectively.

**Figure 8-20: Corrections Enrollment: 2008-2013**



# 9

## ADULT LITERACY ENROLLMENT AND PROGRAMS

The federally-funded adult education and literacy programs administered by the Iowa Department of Education (DE) Division of Community Colleges provide lifelong educational opportunities and support services to eligible participants. Programs assist adults in obtaining the knowledge and skills necessary for work, further education, family self-sufficiency, and community involvement. Iowa's adult education and literacy programs are delivered through the state's 15 community colleges. By improving the education and skill levels of individual Iowans, the programs enhance the competitiveness of state's workforce and economy. Through non-credit instruction in adult basic education (ABE), adult secondary education (ASE) and English as a Second Language (ESL), programs help learners to:

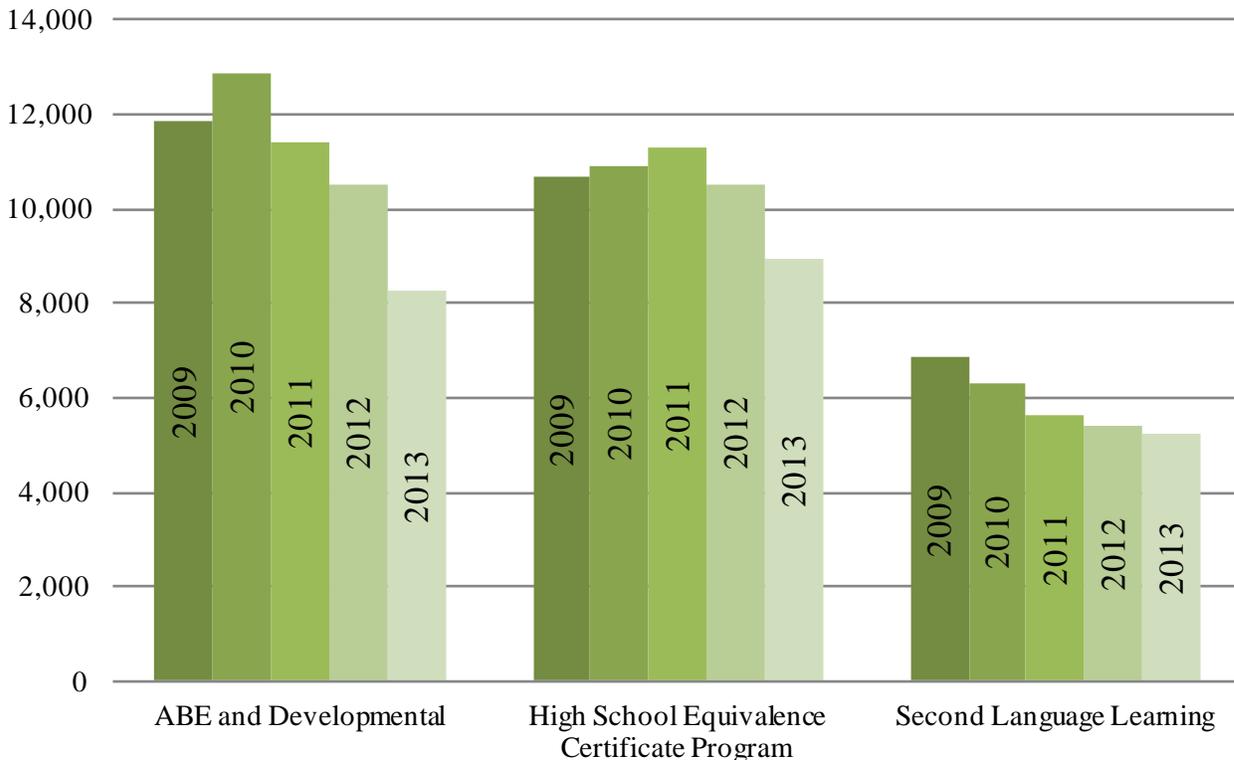
- Gain employment or better their current employment.
- Obtain a high school equivalency diploma by passing the state approved assessment.

### ADULT LITERACY ENROLLMENT



- Attain skills necessary to enter postsecondary education and training.
- Exit public welfare and become self-sufficient.
- Learn to speak, to read, and to write the English language.
- Master basic academic skills to help their children succeed in school.
- Become U.S. citizens and participate in a democratic

**Figure 9-1: Adult Literacy Program Enrollment (MIS): 2009-2013**



society.

- Gain self-esteem, personal confidence, and a sense of personal and civic responsibility.

ASE, ABE and ESL levels of instruction are classified in the Community College Management Information System (MIS) as Basic Skills, Developmental and Remedial Education, Second Language Learning, and High School Equivalence Program. Adult education and literacy program enrollment, reported through the MIS, decreased an average of 5.4 percent annually from fiscal year 2009 to 2013 (Figure 9-1). The greatest area of decrease was in Basic Skills, Developmental and Remedial Education, averaging an 8.6 decline over the past five years. Enrollment in High School Equivalence Programs decreased by 2,272 students since last year, and has averaged a 4.4 percent decrease from 2009 to 2013.

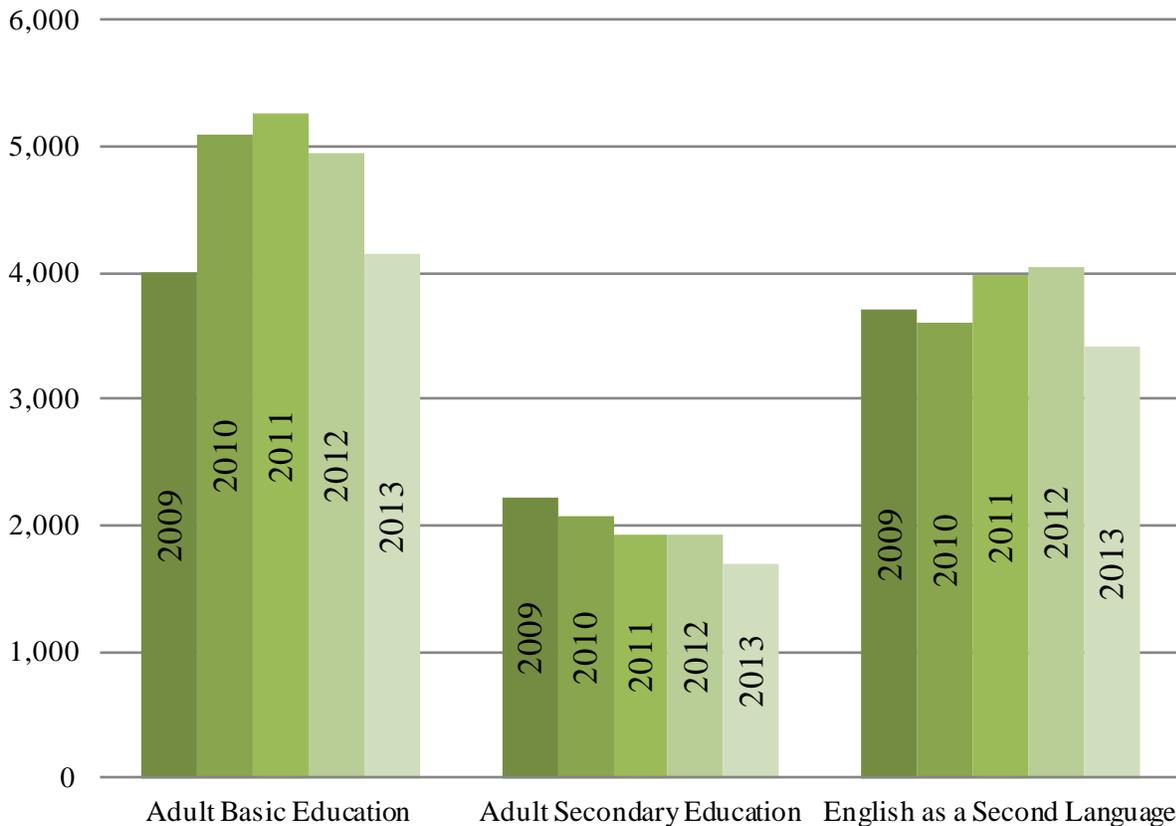
Total adult education and literacy enrollment data collected through the MIS includes all students who attended at least one, 50-minute class period. In 2013, 22,390 students were enrolled in adult education and literacy programs. Of these, 20,559 were included in the data management system used to report for federal accounting purposes. Of these students, 9,244 were eligible for and included in federal year-end reporting based on the National Reporting System (NRS)

requirements. The NRS is the accountability system for the federally-funded Adult Education and Family Literacy Act (AEFLA), state administered adult education program. The NRS specifies parameters for students to be included in reporting to the U.S. Department of Education Office of Vocational and Adult Education (OVAE). Eligibility for enrollment includes persons that are at least 16 years of age and not enrolled or required to be enrolled in a secondary school under Iowa Code chapter 299.1A; and meet one of the following:

- 1) Lack sufficient mastery of basic educational skills to enable them to function effectively in society;
- 2) Do not have a secondary school diploma or a recognized equivalent, and have not achieved an equivalent level of education; or
- 3) Are unable to speak, read, or write the English language.

While only a portion of the overall population served by adult education and literacy programs, this subset represents learners that are assessed for achieving follow up core measures fundamental to academic and vocational success, including education level gains, achieving their secondary diploma, entering and retaining employment, and transitioning to postsecondary or training.

**Figure 9-2: Program Enrollment as Reported on NRS: 2009-2012**



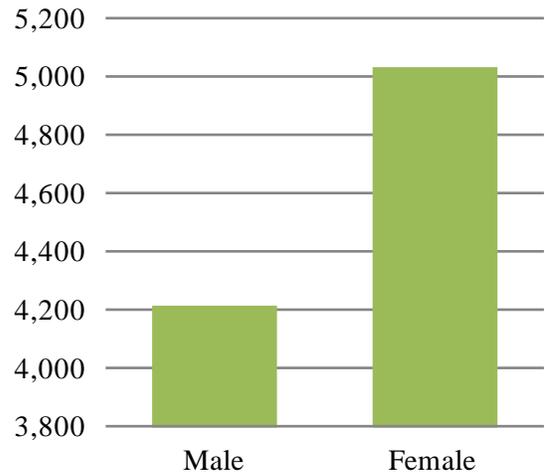
### NRS Enrollment in Instructional Programs

Adult education and literacy instructional programs represent a progression of basic skill attainment as defined by the NRS educational functioning levels. Each level has a description of basic reading, writing, numeracy, and functional and workplace skills that can be expected from a person functioning at that level. The levels for ABE are beginning literacy, beginning basic education, low and high intermediate basic education. ASE has only two levels, low and high. The six ESL levels are beginning literacy, low beginning ESL, high beginning ESL, low and high intermediate ESL, and advanced ESL. ABE instruction had the most enrollees in 2013 with 4,137 participants; 44 percent of the total enrollment. ESL was the second largest group of participants with 3,404 participants while ASE represented 18 percent with 1,703 enrollees. (Figure 9-2)

Of those that were enrolled in 2013 and federally reported, 54 percent were female and 40 percent self identified as white (Figure 9-3). Twenty seven percent of participants identified themselves as Hispanic or Latino. Black or African American represented 18 percent while Asians were 12 percent. The remaining three categories (Native American, Hawaiian or Pacific Islander, and two or more races) combine to about 3 percent of the participants (Figure 9-4).

The largest age group served by adult education and literacy programs ranged between 25-44 years of age

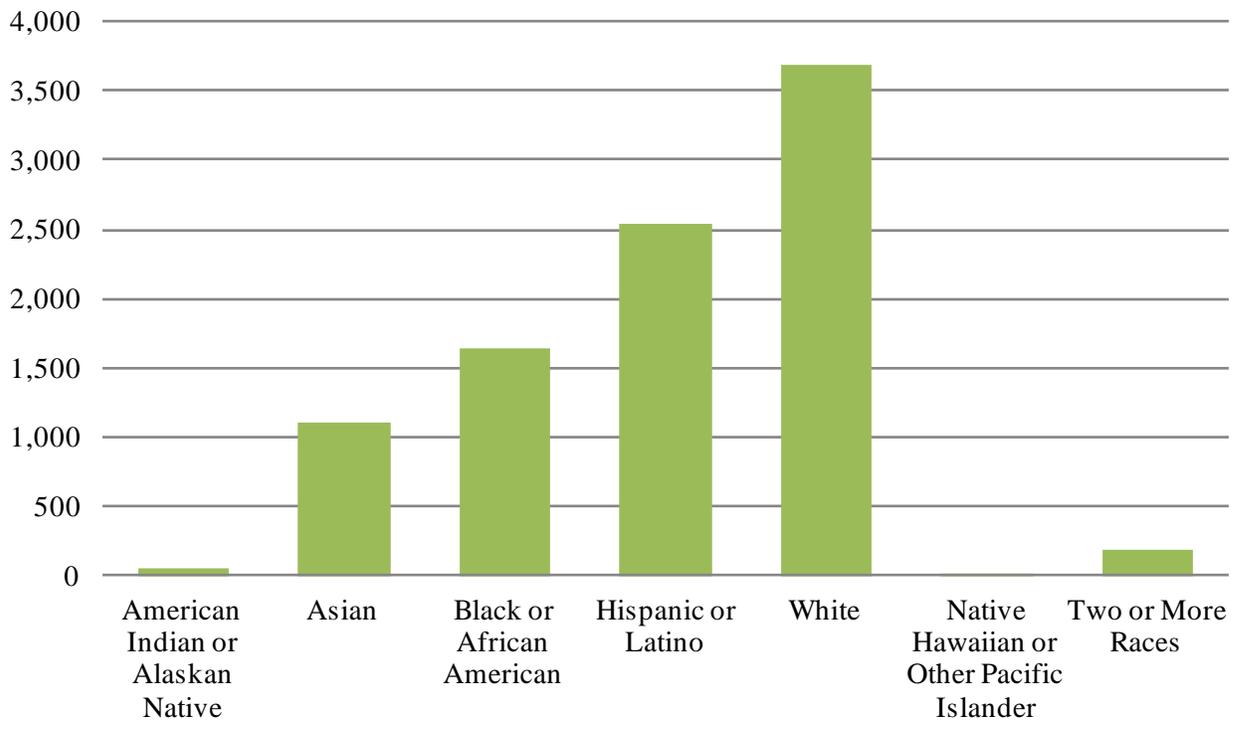
**Figure 9-3: NRS Enrollment by Gender**



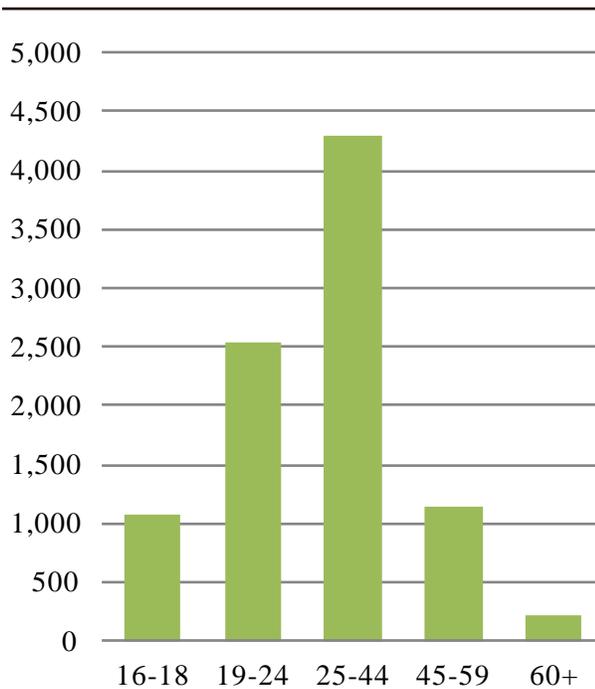
with 46 percent in this category. The next largest group, 19-24 accounted for 27 percent. The 45-59 age group had 1,141 participants which was slightly higher than the 16-18 age group with 1,064 participants (Figure 9-5).

Additional, optional demographic information is collected from participants in the adult education and literacy program that can assist programs in directing resources to target needs. The three highest optional secondary status measures, as indicated upon entry into the adult education and literacy program, included the

**Figure 9-4: High School Equivalency and Adult High School Diplomas Awarded: 2005-2012**



**Figure 9-5: NRS Enrollment by Age**



following: self-identified as receiving public assistance (797); participants self-identified as a single parent (671); and participants self-identified as being a dislocated worker (89). It is important to note that a participant might indicate more than one status measure.

**Core Outcome Measures**

The five NRS core outcome measures are educational gain, entered employment, retained employment, receipt of a secondary credential, and entered postsecondary education. Iowa is measured based on performance in these categories. The U.S. Department of Education negotiate a target for and judges program effectiveness, in part, by whether these targets are met. This section presents information on each of these measures.

**Educational Gain** – This measure is the primary purpose of the adult education and literacy programs: to improve the basic literacy skills of participants. The NRS approach to measuring educational gain is to define a set of educational functioning levels; at which students are initially placed based on their abilities to perform literacy-related tasks in specific content areas. Iowa’s adult education and literacy program uses the federally- approved Comprehensive Adult Student Assessment System (CASAS) to assess all incoming students for grade level placement. After 70-100 hours of instructional intervention (or a minimum of 40 hours), students are again assessed to determine their skill levels. If their skills have improved sufficiently to be placed one or more levels higher, an “advance” is recorded for that student. Of the 9,244 reported in NRS, 72 percent

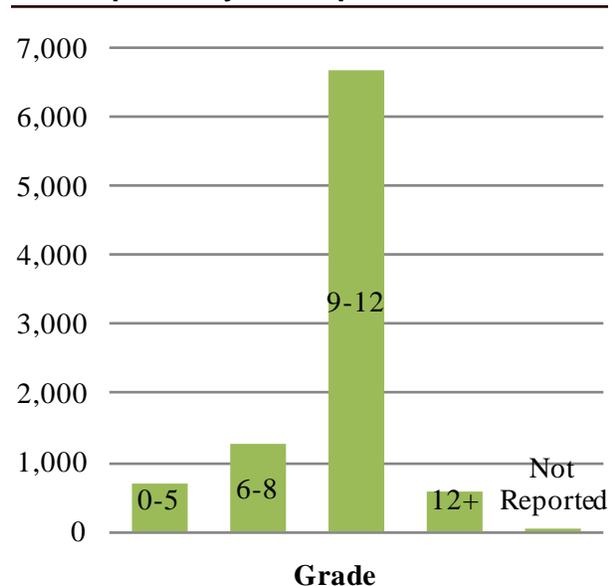
self-identified their highest level of school completed as between the 9th and 12th grade. Those reporting their highest level of school completed was between 6th and 8th grade was the second largest grouping (Figure 9-6).

In 2013, 4,276 (46 percent of total NRS reported) participants persisted beyond the minimum hours of instruction and took a post-assessment. This represents a slight increase from 2012, when of the 10,921 NRS reported participants, only 45 percent persisted. Of those that persisted in 2013, 2,809 completed or advanced at least one educational functioning level in the fiscal year (Figure 9-7). Forty six percent (1,294) of the participants that persisted gained multiple levels.

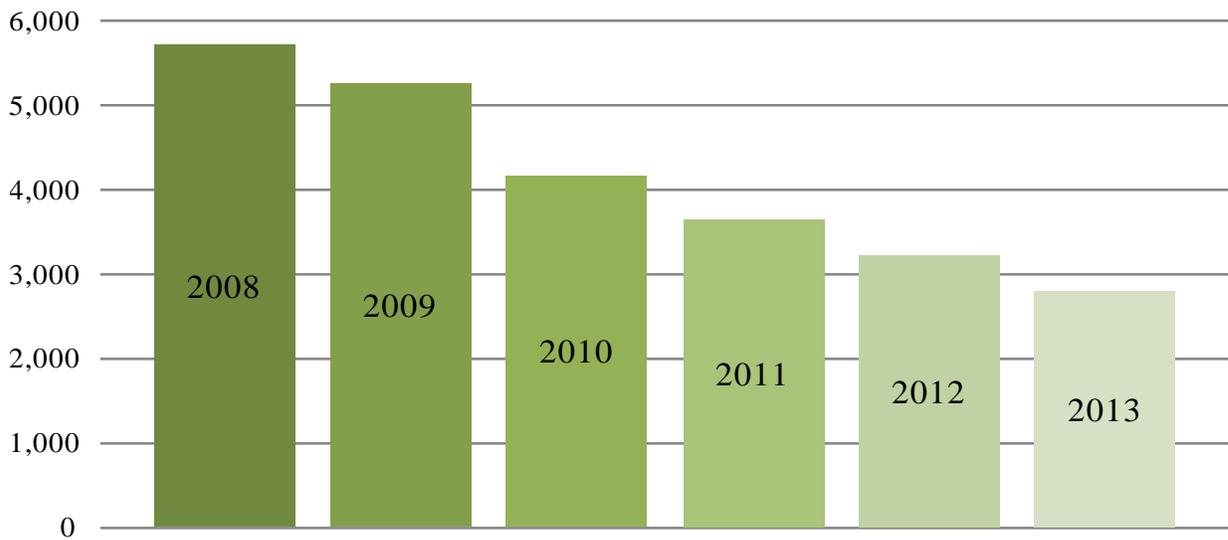
**High School Equivalency Diploma** – For many participants in adult education and literacy programs, the main goal is to achieve a high school equivalency diploma. The Iowa Department of Education awarded 3,997 equivalency diplomas in 2013. However, to qualify for the cohort, the participant must have completed all five sub-tests and exited from the program. Only 1,270 participants were eligible for the cohort (Figure 9-8). With a 91 percent match rate, 1,015 participants achieved this outcome.

**Entered Employment** – Upon enrollment in adult education and literacy programs, participants are required to indicate employment status. Of the 9,244 participants reported in the NRS, 769 were not seeking employment and 88 did not report employment information (Figure 9-9). Sixty percent of the remaining enrollees self reported as unemployed. To qualify for follow up within this cohort to NRS, a participant must also exit the program, either by completing instruction or no longer participating. There were 2,876 participants that qualified for consideration in this cohort. Iowa participates as a

**Figure 9-6: Highest Level of School Completed by Participants**



**Figure 9-7: Educational Functioning Level Gains as Reported on NRS: 2008-2013**



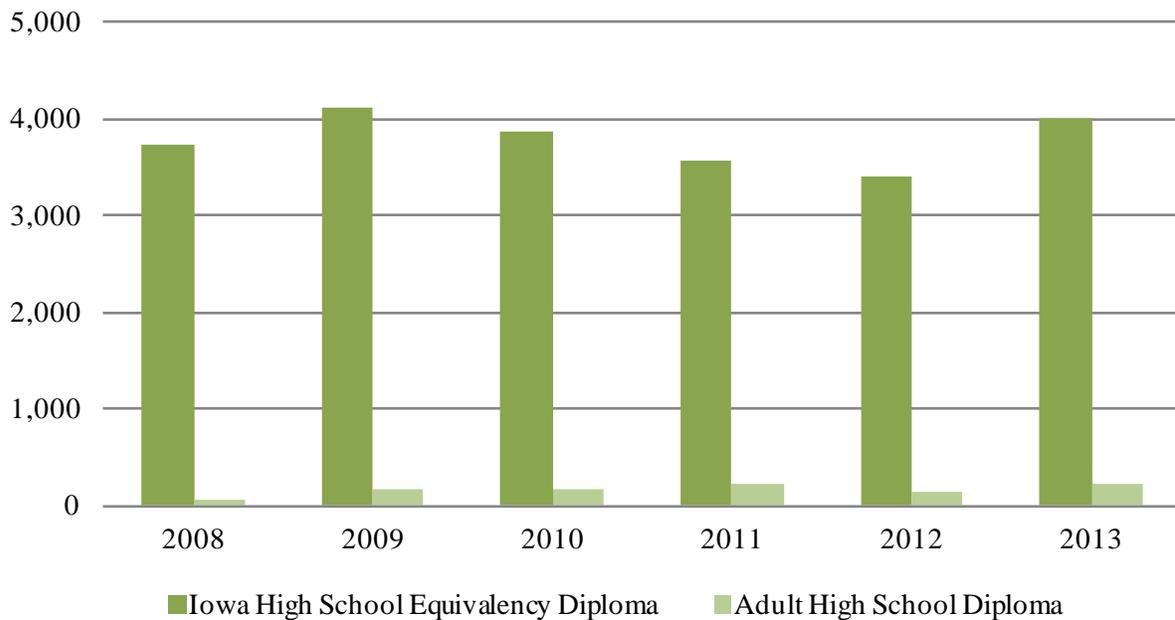
data match state by partnering with Iowa Workforce Development for employment wage information. Eleven percent of the cohort was not able to be matched due to missing data. However, of the 89 percent that was matched, 1,319 participants were identified as achieving employment within one quarter of exiting the adult education and literacy program.

**Retained Employment** – In 2013, 3,393 of the 9,244 participants in the adult education and literacy program, as reported to NRS, self identified as employed. To qualify for follow up within this cohort to NRS, a participant must also exit the program, either by completing instruction or no longer participating. In

addition, all successfully employed participants from the entered employment cohort (1,319) are added. Therefore, 4,516 participants qualified for consideration in this cohort. With a 100 percent match rate, 2,944 (65 percent) participants retained their employment three quarters later after their exit from the adult education and literacy program.

**Entered Postsecondary Education or Training** – In this measure the participant must have achieved their High School Equivalency Diploma while enrolled in adult education and literacy programs or have a secondary credential at entry and exit the program. The participant must then enroll in a transition or postsecondary course

**Figure 9-8: Core Outcome Measure - Awarded Secondary Diplomas: 2008-2013**



or a training program within the program year. In 2013, there were 1,938 participants eligible for this cohort. Participants were matched against MIS data, as well as the National Student Clearinghouse, to verify student enrollment this resulted in an 88 percent match rate. Of the 1705 participants available for matching 747 (43.8 percent) entered postsecondary education or training (Figure 9-9).

### Specific Target Populations

Within NRS reported participants there are two subsets reported separately: distance learners and participants from corrections. By reviewing the data from each of these subsets, adult education and literacy programs are able to identify patterns and needs.

**Distance Learners** – This subset includes all

participants that received more than 51 percent of their instruction from online curriculum. In 2013, a total of 131 participants were reported as being distance learners. Of those, 72 were enrolled as ABE and 59 were enrolled as ASE participants. Forty eight participants (36.6 percent) achieved an educational level gain during the program year.

**Corrections** – In Iowa, five community colleges work with the Iowa Department of Corrections to provide adult education and literacy programs. In 2013, 734 participants were included as part of the total enrollment reported in the NRS. While this does not represent all of the adults served, it does indicate that of the cohort reported, 189 achieved an educational level gain and 93 (25.7 percent) were awarded a High School Equivalency Diploma.

**Figure 9-9: Employment Status Upon Entry to Program**

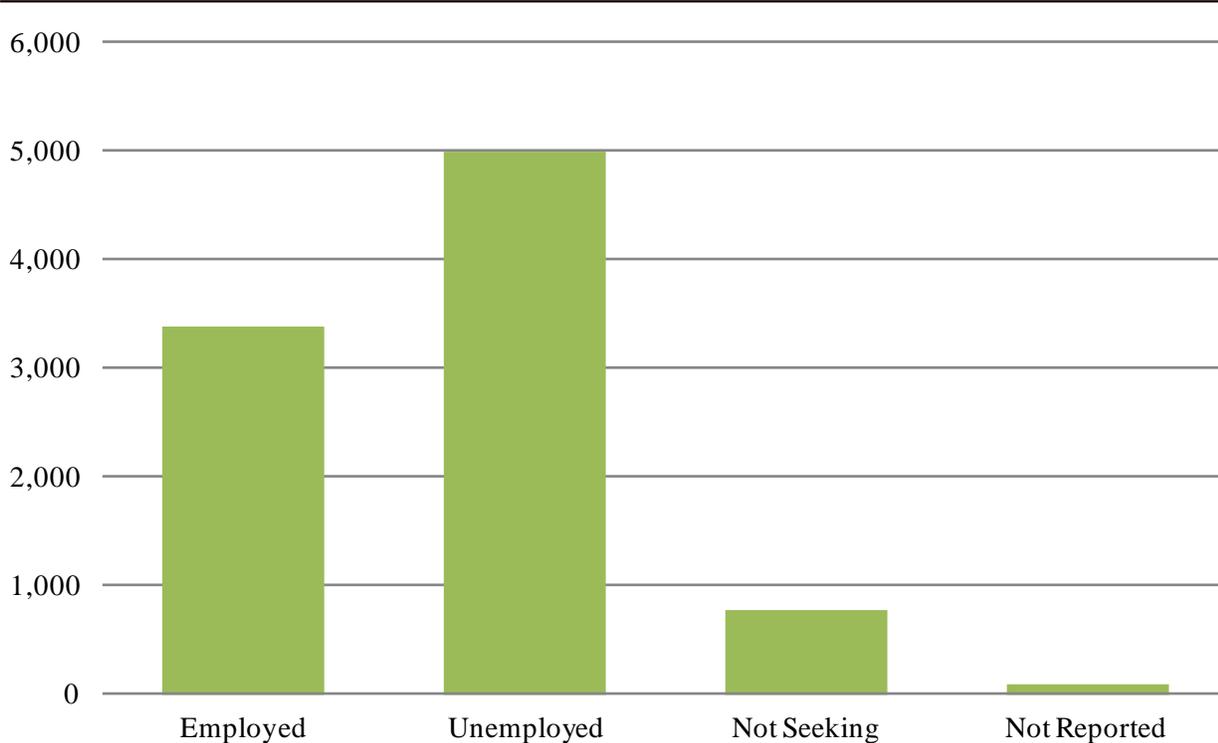
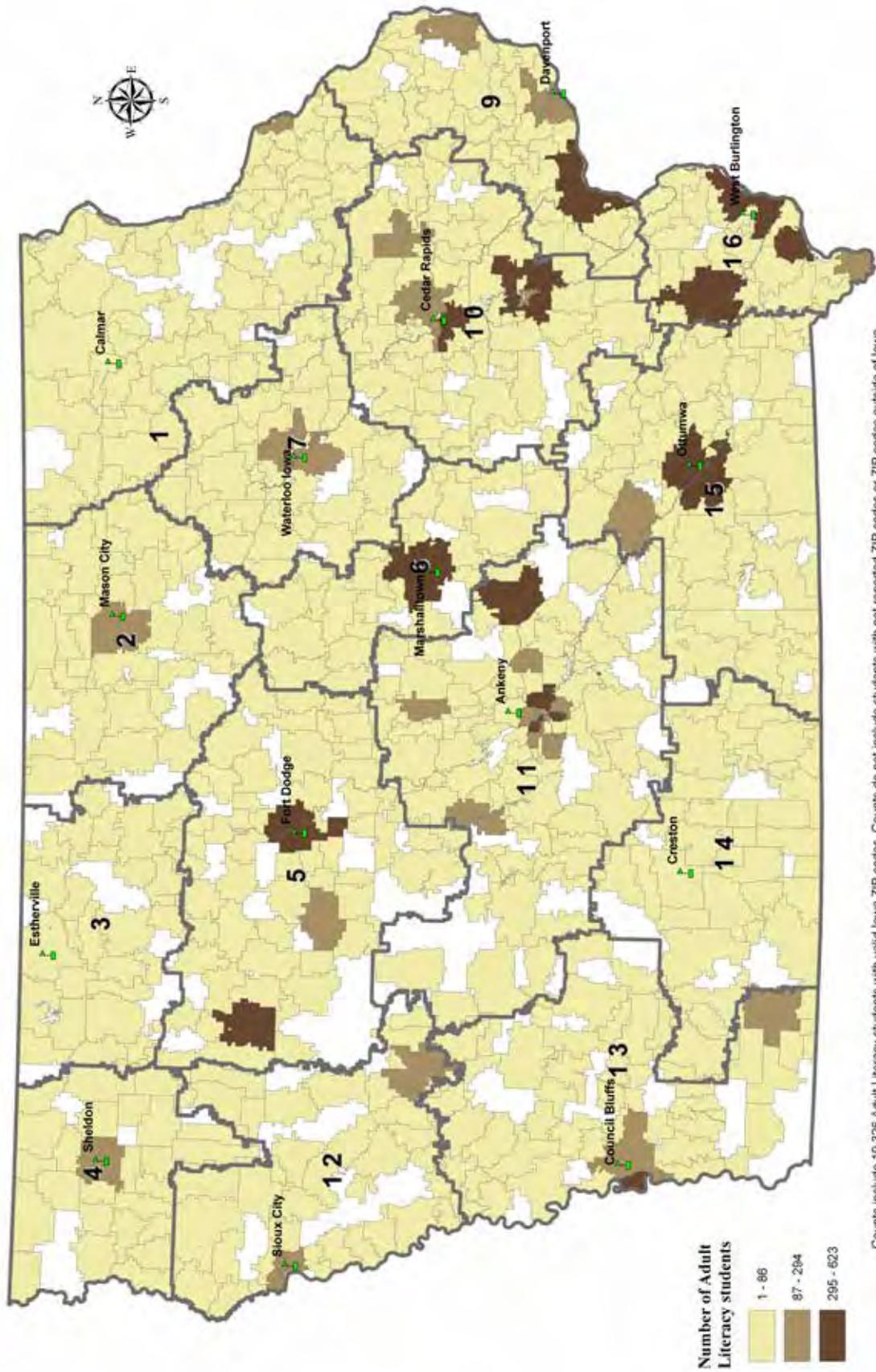


Figure 9-10: MIS-Reported Adult Literacy Program Enrollment by Zip Code Area: 2013





# 10

## GAP TUITION ASSISTANCE

The GAP tuition assistance program was established to provide funding to community colleges for need-based tuition assistance to certain applicants for completion of continuing education certificate training programs aligned with in-demand occupations.

### Eligible Students

Eligibility for GAP tuition assistance under this program is based on financial need. During fiscal year 2013, eligibility was limited to persons earning incomes at or below 200% of the federal poverty level as defined by the most recently revised poverty income guidelines published by the United States Department of Health and Human Services. In fiscal year 2014, the income eligibility requirements will be raised to 250% of the federal poverty level. Criteria assessed in determining financial need includes, but is not limited, to:

- The applicant's family income for 12 months prior to the date of application.
- The applicant's family size.
- The applicant's county of residence.
- An applicant must also have a demonstrated capacity to achieve the following outcomes:
- The ability to complete an eligible certificate program.
- The ability to enter a postsecondary certificate, diploma, or degree program for credit.
- The ability to gain full-time employment.
- The ability to maintain full-time employment over time.

Applicants for the program can be found eligible for partial or total tuition assistance. Only an applicant eligible to work in the United States may be approved for tuition assistance under this program. An individual may not be approved for tuition assistance under this program for more than one eligible certificate program.

### Eligible Costs

Costs of a certificate program eligible for coverage by GAP tuition assistance include but are not limited to:

- Tuition
- Direct training costs.
- Required books and equipment.
- Fees including, but not limited to, industry testing
- Eligible Programs

Assistance can be provided to persons in eligible programs that meet the following criteria:

1. The program is not offered for credit, but is aligned with a certificate, diploma, or degree for credit, and does any of the following:

- Offers a state, national, or locally-recognized certificate.
- Offers preparation for a professional examination or licensure.
- Provides endorsement for an existing credential or license.
- Represents recognized skill standards defined by an industrial sector.
- Offers a similar credential or training.

2. The program offers training or a credential in an in-demand occupation. In-demand occupations are occupations included in the following industries:

- Information Technology
- Health Care
- Advanced Manufacturing
- Transportation and Logistics

3. Any other industry designated as in-demand by a regional advisory board. A complete list of approved programs can be found on the department's website at [http://www.educateiowa.gov/index.php?option=com\\_content&view=article&id=2685&Itemid=5170](http://www.educateiowa.gov/index.php?option=com_content&view=article&id=2685&Itemid=5170).

### Process

An applicant for tuition assistance under the GAP tuition program is required to complete an initial assessment administered by the community college receiving the application to determine the applicant's readiness to

complete an eligible certificate program. An applicant is then required to meet with a member of the staff for the eligible certificate program offered by the community college. The staff member will discuss the relevant industry, any applicable occupational research, and any applicable training relating to the eligible certificate program with the applicant. The discussion includes an evaluation of the applicant's capabilities, needs, family situation, work history, educational background, attitude and motivation, employment skills, vocational potential, and employment barriers. The discussion will also include potential start dates, support needs, and other requirements for an eligible certificate program.

A participant in an eligible certificate program who receives tuition assistance will be required to do all of the following:

- Maintain regular contact with staff members for the certificate program to document the applicant's progress in the program.
- Sign a release form to provide relevant information to community college faculty or case managers.
- Discuss with staff members for the certificate program any issues that may impact the participant's ability to complete the certificate program, obtain employment, and maintain employment over time.
- Attend all required courses regularly.
- Meet with staff members for the certificate program to develop a job search plan.

## Analysis

In fiscal year 2013, the community colleges received a state appropriation of \$2 million to implement the GAP Tuition Assistance Program. During the first quarter of the fiscal year, the colleges and the Iowa Department of Education established the allowable uses for these funds and the appropriation was distributed in October 2012. The colleges underwent a significant implementation process to establish their GAP tuition program processes, referral networks, and approved programs in fiscal year 2013. Just under \$985,000 was spent during the year and 4,748 individuals were referred to the program. From the initial referrals, 1,959 interviews were scheduled and 898 participants were approved and accepted into the program. From the approved participants, 673 individuals received tuition assistance through the program during the year. The average amount spent on each participant in this program was \$1,463.

Four hundred eleven (411) students completed their certificate programs during the year, with 281 students still in training or scheduled for training as of June 30, 2013. There were 76 students that left the program and did not complete, and 130 students that were still working to schedule their training or had found employment that

has delayed their start of training. Eighty-four percent (84%) of the completers have acquired a credential from this training. One hundred seventy-two (172) of the completers have found new employment while 80 students continued with their same employer but with increased duties. Thirteen (13) students were engaged in other full-time activities including postsecondary courses. One hundred forty-six (146) completers are currently looking for employment. Sixty-one percent (61%) of the completers are currently employed.

There are currently 191 approved certificate programs eligible for this program in Iowa. Certified Nursing Assistant (CNA) programs were the most utilized with over 24 percent of students working in these programs. Welding was the next most popular program as 17 percent of the students utilized these programs. Sixteen percent (16%) of the students participated in truck driver training/commercial driver's license training programs.

In breaking down the expenditures from fiscal year 2013, \$919,659 was spent on tuition assistance for approved participants, \$23,042 was spent on required books for the approved programs, \$18,450 was spent on equipment, and \$36,287 was spent on fees for assessments and testing.

## Successes

The community colleges reported many different successes with their implementation of this program statewide during fiscal year 2014. The individuals who participated in the program were assisted in developing a career path that would help lead them to employment. In addition to the instruction that they received, the coaching that was supplied to them helped individuals learn how to promote the skills that they have to offer and to identify transferable skills when interviewing for potential employment. The colleges have spent this first year developing processes for in-take of interested participants and this has led to increased collaboration and working closer with Workforce Investment Act (WIA) partners at the local level. During the first year, the colleges received positive feedback from the participants including comments about how they would not have been able to get their job without the program. These participants are completing a program with valuable job skills intended to lead them to success in obtaining or bettering their employment.

## Challenges

The community colleges have also identified various challenges that they faced during this first year of statewide implementation. The first challenge was the release of funds coming in October after 25 percent of

the year had already passed. Several colleges identified the late start as causing a delay in getting their processes and programs in place until after the fiscal year was half over. In addition, the implementation of the program did require additional staffing requirements and since the colleges could not use the 2013 appropriation for these personnel expenses, these duties often fell to current employees who were already responsible for other tasks. This situation should significantly improve during fiscal year 2014, by including direct expenses as an allowable expense. Other challenges during the year included reaching the intended audience and recruiting eligible participants. More will be done in the future to market the GAP Tuition program. The follow-up requirements with students has also proved to be a challenge. The colleges will explore incentives for participants to remain in contact with the college after completing their training and ways in which the data collection can be conducted through the Department of Education and other state agencies.



# 11

## APPRENTICESHIP

Apprenticeship programs utilize the most up-to-date technologies that are available in the workplace. The Bureau of Apprenticeship and Training must approve all apprenticeship projects funded through the Iowa Economic Development Authority (IEDA). This section includes apprenticeship programs offered through the community colleges and funded through IEDA as well as those apprenticeship programs that were not funded through IEDA.

In the fiscal year 2013, the total number of unduplicated students in all apprenticeship programs increased by 593 from the previous year. The number of students in noncredit apprenticeship programs increased by 23.5%

### APPRENTICESHIP PROGRAMS

STUDENTS (NON-CREDIT):

2,107

DECLINE SINCE LAST YEAR:

↓ 24.3%

STUDENTS (CREDIT):

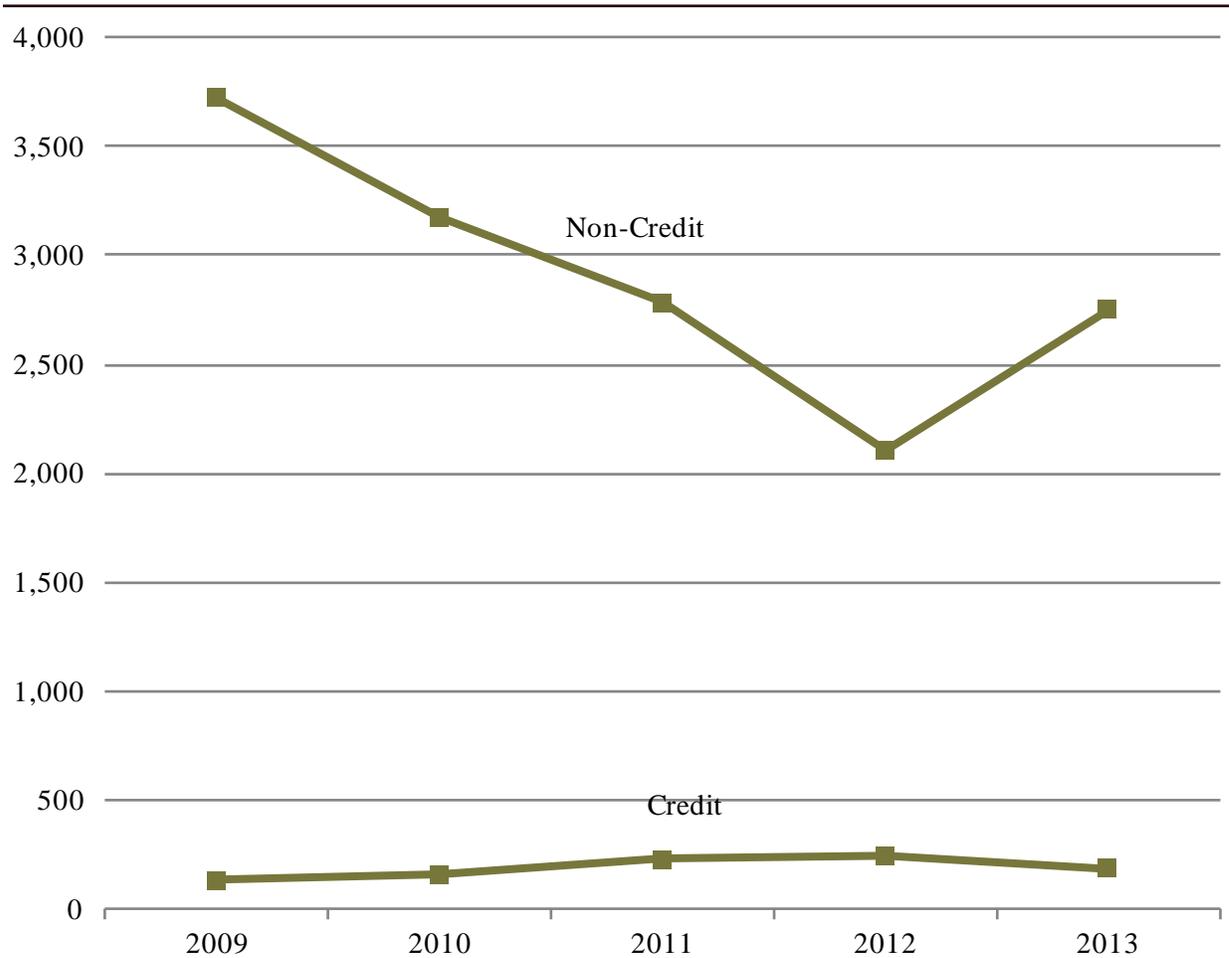
245

GROWTH SINCE LAST YEAR:

↑ 6.5%

during that time period while the number of noncredit contact hours increased by 23.5% [Both number of students enrolled and number of noncredit contact hours increased by 23.5% from the previous year]. Since fiscal year 2009, the number of non-credit students has

**Figure 11-1: Apprenticeship Program Enrollment, Credit and Non-Credit: 2009-2013**



decreased by 970. The number of non-credit contact hours taken has decreased by 198,257.

The numbers of students in credit apprenticeship programs decreased by 54 while the number of credit hours taken in fiscal year 2013 decreased by 851 from fiscal year 2012. Since fiscal year 2009, the number of credit students has increased by 59 and the number of credit hours taken has increased by 704.

### IEDA-Funded Apprenticeship Programs

The Iowa New Jobs Training Program (260E) assists businesses which are creating new positions or new jobs. The dollar amount available for training through the program is dependent upon the training and development needs and projected tax revenue available to repay the certificates. Applications for this program must be made through the local community college.

The Iowa Jobs Training Program (260F) provides job training services to current employees of eligible businesses which are located in Iowa. Job training services are defined as any training needed to enhance the performance of a business' employees. This program

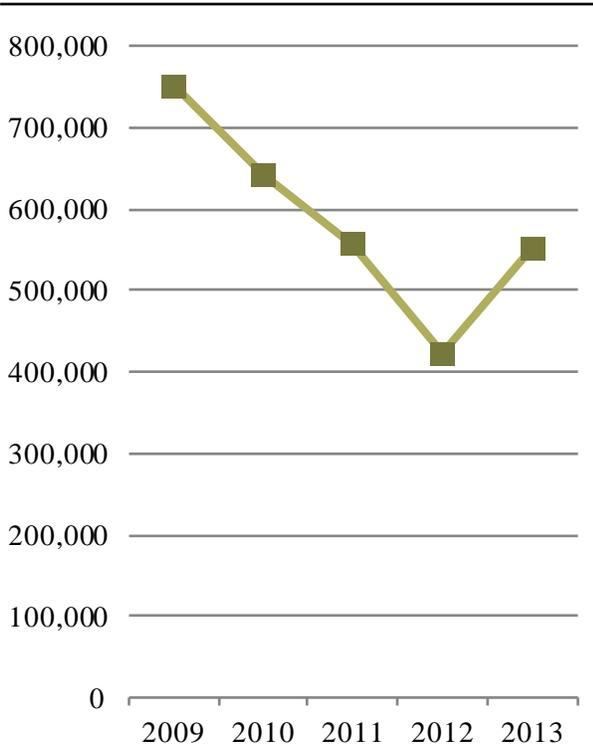
is administered by the IEDA and services are provided by Iowa's 15 community colleges. Each community college works with eligible businesses to assess training needs, determine funds availability and provide training. Since fiscal year 2009, the number of students participating decreased by 786 while the number of contact hours decreased by 180,422. The number of students increased by 51 from the previous year while the total contact hours decreased by 1,369.

### Programs Not Funded by IEDA

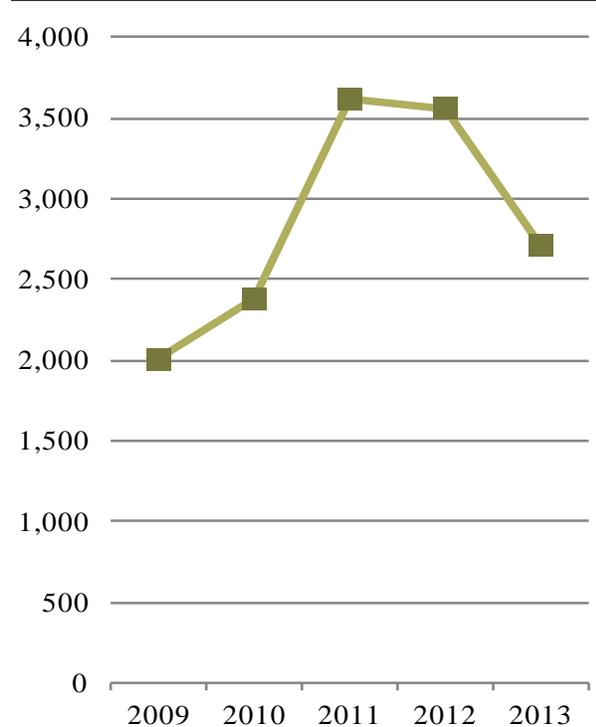
The number of students participating in non-credit apprenticeship programs that were not funded by economic development programs decreased by 58 from fiscal year 2009 to fiscal year 2012. The number of contact hours decreased by 11,250 over the previous five years. The number of students decreased by 11 over the previous year but the number of contact hours decreased by 165.

No students participated in non-credit, non-IEDA programs in fiscal year 2013, so the numbers reflect a decrease to 0.

**Figure 11-2: Apprenticeship Non-Credit Contact Hours: 2009-2013**



**Figure 11-3: Apprenticeship Credit Hours: 2009-2013**



# 12

## Student Success

Students enroll in community colleges for several reasons. Some students plan to earn an award such as a diploma or an Associates degree, others intend to transfer credits earned at a community college to a four-year college or university.

Success, however, transcends graduation and transfer rates. For example, improving one's job skills through adult basic education is another measure of success. Adults lacking a high school diploma or high school equivalency (i.e. GED) are at an economic disadvantage compared to those with higher levels of education. By acquiring new skills and completing adult basic education, students can enter or return to the labor market as more economically productive citizens.

### Graduation, Transfer, and Success Rates

Four possible outcomes exist for each student within a given cohort. A student could:

- transfer to a four-year college or university *before* graduating with a two-year award;
- transfer to a four-year college or university *after* graduating with a two-year award;
- graduate with a two-year award, but not transfer; or
- neither transfer nor graduate.

Appendix A describes the methods used to identify a cohort and to calculate graduation, transfer, and success rates. Table 12-1 displays a 2 x 2 contingency table for all possible outcomes. Table 12-2 displays outcomes by college.

### Summary of Success

Overall Success Rate: <b>40.0%</b> FY 2011 Cohort	Overall Graduation Rate: <b>27.0%</b> Associates Degrees Only
Overall Transfer Rate: <b>24.3%</b> FY 2011 Cohort	Median Weekly Wages: <b>\$390.32</b> Fourth Quarter, 2012 Calendar Year

### Graduation Rate

As seen in table 12-1, 2,769 students from the 2011 cohort graduated with a two-year award, yielding a graduation rate of 27.0 percent. Of these, 1,614 students (58.3 percent) graduated with two-year awards, but did not transfer to four-year colleges or universities.

### Transfer Rate

Overall, 2,488 students from the 2011 cohort transferred to four-year colleges or universities, yielding a transfer rate of 24.3 percent. Of these, 1,333 students (53.6 percent) transferred to four-year colleges or universities before graduating with two-year awards. The remaining 1,155 students (46.4 percent ) transferred to four-year colleges or universities *after* graduating with two-year awards.

**Table 12-1: Summary of outcomes, graduation by transfer**

Graduated <sup>b</sup>	Transferred <sup>a</sup>		Total
	No	Yes	
No	6,148	1,333	7,481
Yes	1,614	1,155	2,769
<b>Total</b>	<b>7,762</b>	<b>2,488</b>	<b>10,250</b>

<sup>a</sup> Students within a cohort who transferred to a four-year college or university within three years.

<sup>b</sup> Students within a cohort who earned a two-year award within three years.

**Table 12-2: Graduation and transfer outcomes by college**

College	Cohort	Graduated <sup>a</sup>	Transferred <sup>b</sup>	Both <sup>c</sup>	Neither <sup>d</sup>	Success rate (%)
Northeast Iowa	471	105	56	19	291	38.2
North Iowa Area	412	60	52	67	233	43.4
Iowa Lakes	501	142	47	53	259	48.3
Northwest	225	79	9	18	119	47.1
Iowa Central	501	59	88	60	294	41.3
Iowa Valley	477	46	87	88	256	46.3
Hawkeye	873	184	86	114	489	44.0
Eastern Iowa	732	89	68	77	498	32.0
Kirkwood	2,430	314	349	301	1,466	39.7
Des Moines Area	942	84	200	57	601	36.2
Western Iowa Tech	511	65	36	19	391	23.5
Iowa Western	924	107	126	109	582	37.0
Southwestern	241	57	28	39	117	51.5
Indian Hills	651	162	63	83	343	47.3
Southeastern	359	61	38	51	209	41.8
<b>Total</b>	<b>10,250</b>	<b>1,614</b>	<b>1,333</b>	<b>1,155</b>	<b>6,148</b>	<b>40.0</b>

Note: Success rate = ((Cohort - Neither)/Cohort) \* 100%

<sup>a</sup> Earned a two-year award, but did not transfer to a four-year college or university.

<sup>b</sup> Transferred to a four-year college or university *before* earning a two-year award.

<sup>c</sup> Transferred to a four-year college or university *after* earning a two-year award.

<sup>d</sup> Neither earned a two-year award nor transferred to a four-year college or university.

*Success Rate*

Overall, 4,102 students from the 2011 cohort transferred, graduated, or transferred after graduating, yielding a success rate of 40.0 percent.

**Demographics of Success**

Table 12-3 summarizes success rates by subpopulation and sex. Of the 10,250 records for the 2011 cohort,

2,462 had missing demographic data, and subsequently were excluded from analysis. Of the remaining 7,788 students, 3,694 (47.4 percent) were females and 4,094 (52.6 percent) were males. The success rate among females (38.1 percent) was slightly less than the success rate among males (40.1 percent). Females (n = 1,406) accounted for 46.1 percent of all students classified as successful (n = 3,049); males, 53.9 percent.

Of students who self-reported demographics, whites were the largest subpopulation (79.4 percent), followed

**Table 12-3: Success rates by subpopulation and sex**

Subpopulation	Females			Males			Total		
	Cohort	N	%	Cohort	N	%	Cohort	N	%
African American	306	62	20.3	479	145	30.3	785	207	26.4
Asian/Pacific Islander	92	36	39.1	64	22	34.4	156	58	37.2
Hispanic	241	64	26.6	270	95	35.2	511	159	31.1
Native American	39	13	33.3	29	11	37.9	68	24	35.3
White	2,960	1,206	40.7	3,220	1,364	42.4	6,180	2,570	41.6
Two or more	56	25	44.6	32	6	18.8	88	31	35.2
<b>Total</b>	<b>3,694</b>	<b>1,406</b>	<b>38.1</b>	<b>4,094</b>	<b>1,643</b>	<b>40.1</b>	<b>7,788</b>	<b>3,049</b>	<b>39.1</b>

Note: Success Rate = (N Success/Cohort) \* 100%. Refer to appendix A for a more detailed discussion about methods used in this chapter. This table excludes 2,462 records with missing demographic data.

by African-Americans (10.1 percent), and Hispanics (6.6 percent).

Whites (cohort = 6,180) exhibited the highest overall success rate (41.6 percent). The overall success rates among Hispanics (cohort = 511) and African-Americans (cohort = 785) were 31.1 percent and 26.4 percent respectively.

Of the 3,049 students classified as successful, whites (n = 2,570) accounted for 84.3 percent. By comparison, African-Americans (n = 207) accounted for 6.8 percent and Hispanics (n = 159) accounted for 5.2 percent.

## Graduates' Wages

Iowa Workforce Development collects information about wages from quarterly unemployment insurance (UI) records. Weekly wages are calculated based upon a 13-week quarter. Inflation rates for 2011 and 2012 were 3.16 percent and 2.07 percent respectively [2].

Unemployment insurance (UI) records give no information about workers' jobs, such as whether jobs were full-time, part-time, or seasonal. A person might be a part-time employee who has been working seven months, or a full-time employee whose first record in the UI data base appears near the end of the quarter. No attempts were made to extrapolate wages beyond one quarter.

The Iowa Department of Education reviewed records of first-time, full-time students who graduated from an Iowa community college in FY 2010, FY 2011, and FY 2012. Median wages of workers during the fourth quarter in FY 2010 were \$375.76 per week. In 2011, median wages increased to \$382.12 per week during the same period. By 2012, median wages had increased to \$390.32 per week, representing an annualized increase of 1.9 percent from 2010. Data published by the U. S. Bureau of Labor Statistics [1] indicate third quarter 2013 weekly wages of \$393, the upper limit of the first decile for workers holding Associate degrees, remained unchanged from the same period last year.

Among Iowa's students who earned Associate degrees, the median wage was \$399.67 per week, a decrease of \$64.34 (-16.1 percent) from FY 2011.

## Adult Basic Education

A primary focus of Iowa's Adult Basic Education (ABE) program is to help students acquire basic skills so they can earn a high school equivalence diploma, which will subsequently give them access to postsecondary credit education. ABE programs in Iowa's community college cover many non-credit training opportunities, including skilled training for occupations in high demand.

Participants of ABE programs receive help setting employment goals. Workforce and basic skills are assessed and ABE staff work with participants to determine career readiness and skills needed to obtain a job in a desired field. Iowa tracks participants who indicate their intent to secure or retain employment as a goal during the program year. From 2006 through 2012, 55.9 percent of ABE participants who intended to continue postsecondary education achieved that goal.

In 2012, the year for which most recent data are available, 238 students (69.6 percent) continued with post-secondary education. During this same period, 77.2 percent of ABE participants who intended to enter the workforce achieved that goal, and 84.7 percent met their goal to retain employment.

## References

[1] Bureau of Labor Statistics. Usual weekly earnings of wage and salary workers, third quarter 2013. News release USDL-13-2078, U.S. Department of Labor, Washington, DC, November 1, 2013.

[2] U.S. Inflation Calculator. Historical inflation rates: 1914-2012, 2012. Data file.



# 13

## TUITION AND FEES

### Resident Tuition

Table 13-1 lists the average tuition, lowest tuition, and highest tuition charged at Iowa’s community colleges for a full-time resident student. Iowa Code limits the total tuition for Iowa residents attending community colleges so as not to exceed the lowest tuition rate per semester charged by a public university for a full-time resident student. A full-time student in this report is a student who enrolls in 15 credit hours.

Average tuition increased \$1,456 from fiscal year 2005

to fiscal year 2014, an increase of 58 percent. Tuition gains averaged 4.82 percent each year.

The spread between tuition amounts has increased since 2005. The difference from the highest annual tuition to lowest annual tuition has increased from \$420 in fiscal year 2005 to \$667 in fiscal year 2014. As a percentage of the average tuition, this variance has increased from 15 percent in 2005 to over 16 percent in 2014.

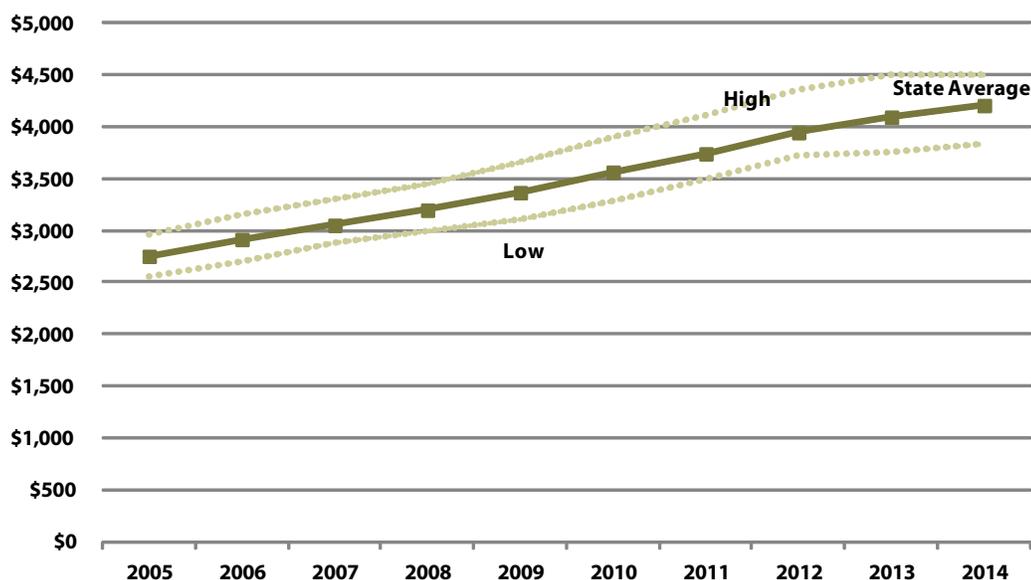
**Table 13-1: Annual Iowa Community Colleges Full-Time Resident Tuition**

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Low	\$2,550	\$2,700	\$2,880	\$2,996	\$3,106	\$3,293	\$3,491	\$3,720	\$3,758	\$3,833
High	\$2,970	\$3,150	\$3,300	\$3,450	\$3,660	\$3,900	\$4,110	\$4,350	\$4,500	\$4,500
State Average	\$2,754	\$2,916	\$3,053	\$3,199	\$3,368	\$3,566	\$3,743	\$3,948	\$4,097	\$4,210
Standard Deviation	109.67	119.04	127.77	140.38	159.98	180.67	195.18	185.55	211.54	218.93

Source: 2012-2013 Academic Year Iowa’s Community Colleges Tuition and Fees Report, issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa’s community colleges and compiled by the Iowa Department of Education. See Table 12.

Note: Annual rates are based on a projection of fall tuition rates. Based upon 15 credits per term.

**Figure 13-1: Annual Iowa Community Colleges Full-Time Resident Tuition**



Source: 2012-2013 Academic Year Iowa’s Community Colleges Tuition and Fees Report, issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa’s community colleges and compiled by the Iowa Department of Education. See Table 12.

Note Annual rates are based on a projection of fall tuition rates. Based upon 15 credits per term.

The tuition per credit hour is shown in Table 2. Over the past ten years, the average tuition cost per credit hour has increased from \$91.79 to \$140.32 per credit hour. Courses generally range from three to five credit hours in a community college.

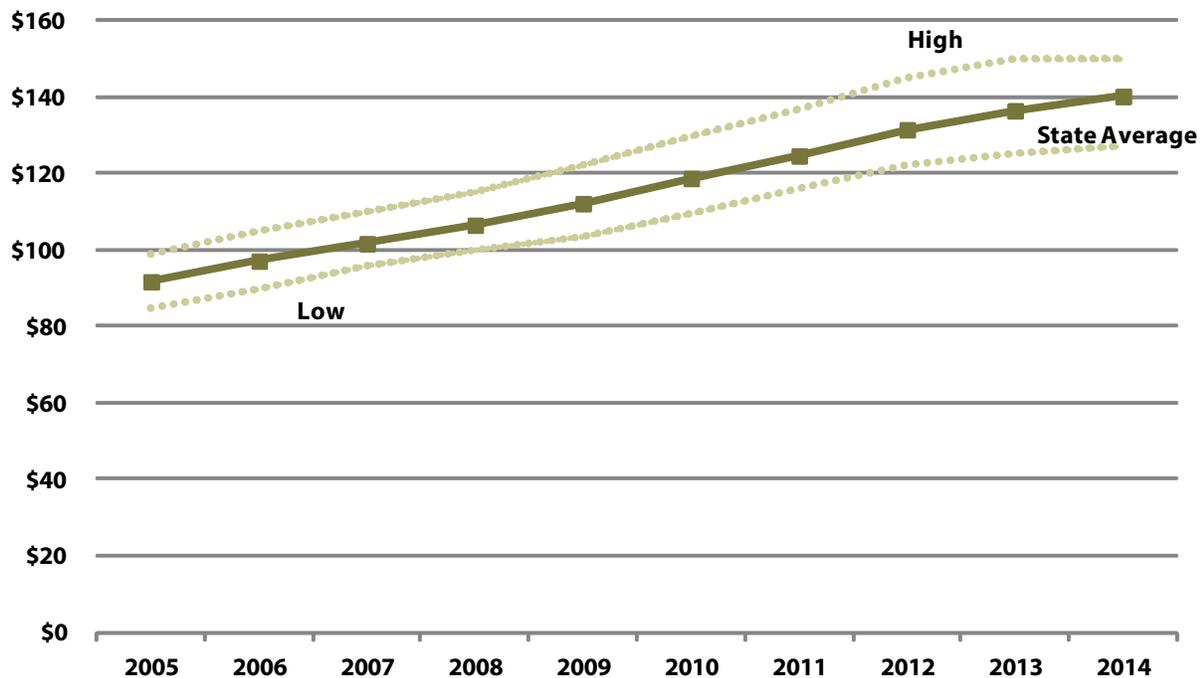
Similar to average tuition, the variance between the community colleges has increased. The difference between the highest per credit hour rate and lowest per credit hour rate increased from \$14 in fiscal year 2005 to \$22.75 in fiscal year 2014. Table 13 in the appendix lists tuition per credit hour by college.

**Table 13-2. Fall Resident Tuition Per Credit Hour**

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Low	\$85.00	\$90.00	\$96.00	\$99.85	\$103.55	\$109.76	\$116.35	\$122.20	\$125.25	\$127.25
High	\$99.00	\$105.00	\$110.00	\$115.00	\$122.00	\$130.00	\$137.00	\$145.00	\$150.00	\$150.00
State Average	\$91.79	\$97.20	\$101.77	\$106.62	\$112.27	\$118.85	\$124.76	\$131.61	\$136.56	\$140.32
Standard Deviation	\$3.66	\$3.97	\$4.26	\$4.68	\$5.33	\$6.16	\$6.51	\$6.18	\$7.05	\$7.30

Source: 2012-2013 Academic Year, Iowa’s Community Colleges Tuition and Fees Report, issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa’s community colleges and compiled by the Iowa Department of Education. See Table 13.

**Figure 13-2. Fall Resident Tuition Per Credit Hour**



Source: 2012-2013 Academic Year, Iowa’s Community Colleges, Tuition and Fees Report, issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa’s community colleges and compiled by the Iowa Department of Education.

## Mandatory Fees

Table 13-3 reflects the basic mandatory fees charged at each community college. Some colleges do not charge a separate fee in addition to their tuition charge. Moreover, these fees do not include any program-specific fees.

In fiscal year 2014, average fees will increase to \$346.83. Average mandatory tuition fees have grown 2.5 percent per year since fiscal year 2005.

Table 15 in the appendix of this report lists regular, recurring fees charged by each college. This is not an all-inclusive list of fees charged by the individual community colleges.

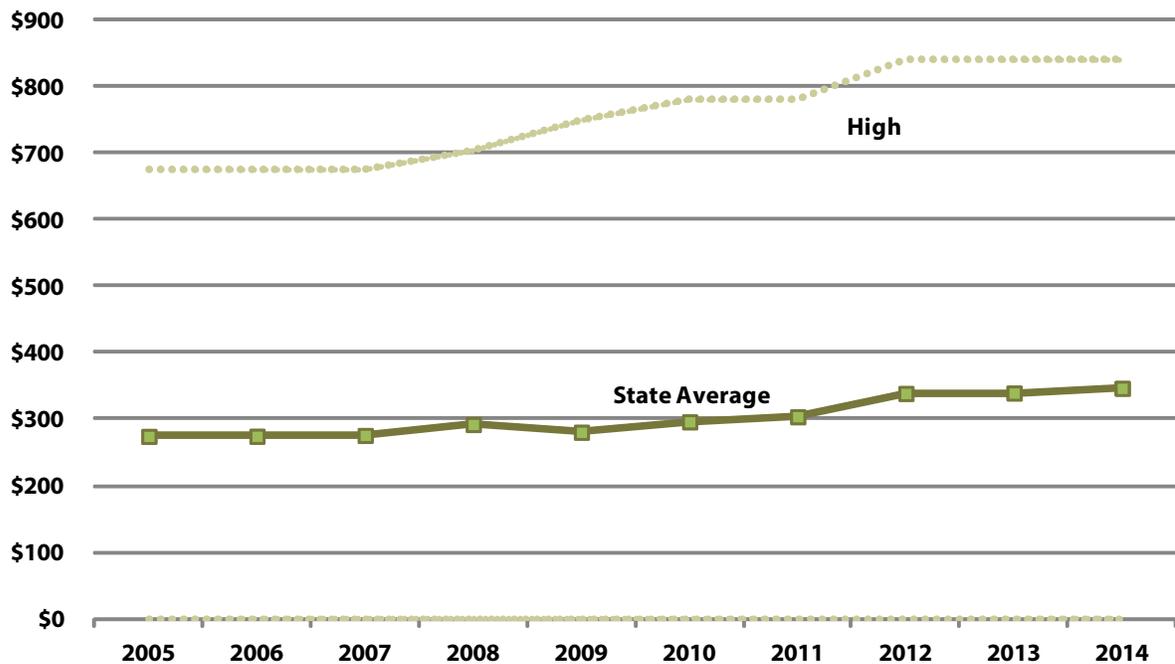
**Table 13-3. Annual Iowa Community Colleges Full-Time Mandatory Fees**

Fiscal Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Low	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
High	\$675	\$675	\$675	\$705	\$750	\$780	\$780	\$840	\$840	\$840
State Average	\$274.57	\$274.77	\$275.93	\$292.37	\$280.73	\$296.39	\$303.99	\$339.09	\$339.69	\$346.83

Source: 2012-2013 Academic Year, Iowa's Community Colleges, Tuition and Fees Report, Issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa's community colleges and compiled by the Iowa Department of Education. See Tables 12.

Note: Annual rates are based on a projection of fall tuition rates. Based upon 15 credits per term.

**Figure 13-3. Tuition and Fees for 2012-2013 Academic Year**



Source: 2012-2013 Academic Year, Iowa's Community Colleges, Tuition and Fees Report, Issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa's community colleges and compiled by the Iowa Department of Education. See Tables 12.

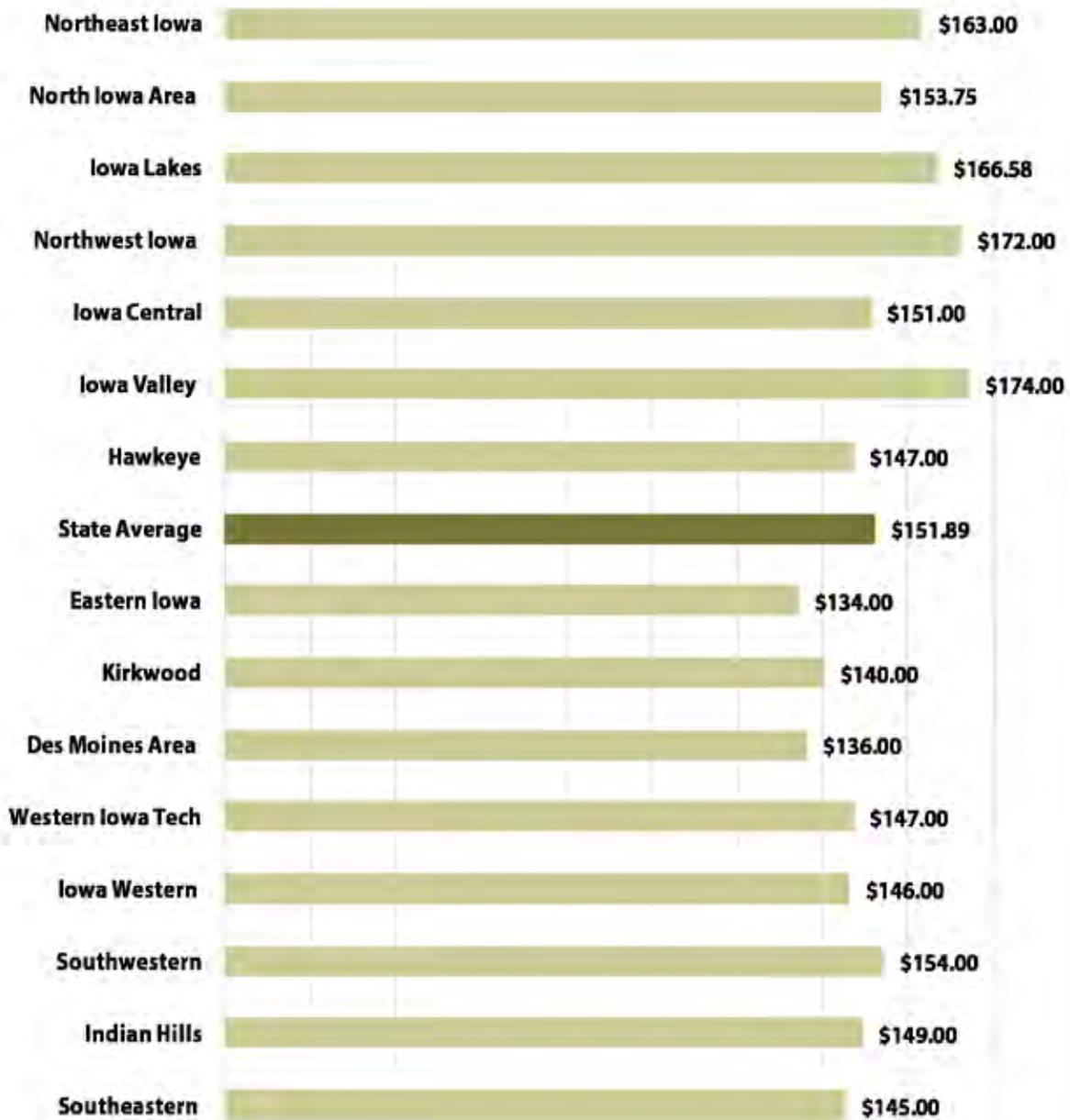
Note: Annual rates are based on a projection of fall tuition rates. Based upon 15 credits per term.

### Tuition and Mandatory Fees per Credit Hour

Figure 4 shows the per credit hour tuition and mandatory fees. Notwithstanding additional fees, this represents the cost of enrolling in a community college. The average tuition and mandatory fees charged per credit hour will increase \$3.99 per hour in fiscal 2014 to \$151.89. This is

a 2.69 percent increase from the previous year. See Table 13 for a listing of individual tuition and fees charged by each community college.

**Figure 13-4. Resident Tuition and Mandatory Fees Per Credit Hour, Fiscal Year 2014**



Source: Appendix -Table 11 for Tuition and Fees Amounts. See Table 13.

### National Comparison of Tuition and Fees

The following information uses data from The Chronicle of Higher Education, Almanac Issue 2013. This report provides data through 2012, which is the most recent national higher education tuition data available. The information will differ from the previous section as the Chronicle data is based on information supplied to the U.S. Department of Education and includes student fees. Iowa Department of Education tables are based on information provided and verified by Iowa’s community colleges to the Iowa Department of Education.

From fiscal year 2005 to fiscal year 2012, average tuition at Iowa’s community colleges increased 32 percent while the national average increased 43 percent (see Table 6). Tuition and fees are still 44 percent above the national average.

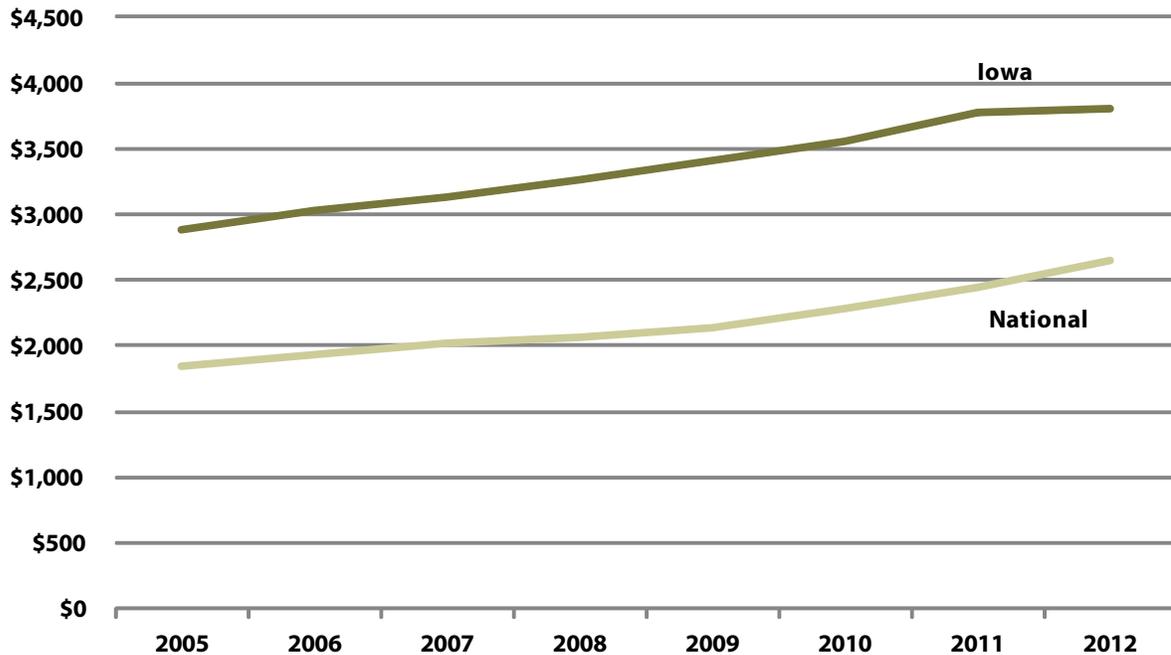
Iowa has the second highest tuition and fees level of its contiguous states (see Table 7). Minnesota continues to have the highest average tuition rates in this region. Iowa has the second highest percentage change in tuition and fees from 2005-2012.

**Table 13-4. National and State Average Community College Tuition and Fees**

	Fiscal Year 2005	Fiscal Year 2006	Fiscal Year 2007	Fiscal Year 2008	Fiscal Year 2009	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012	Change 2005-2012	Change 2005-2012
National	\$1,847	\$1,935	\$2,017	\$2,063	\$2,137	\$2,285	\$2,439	\$2,647	\$800	43%
Iowa	\$2,876	\$3,032	\$3,139	\$3,264	\$3,415	\$3,549	\$3,769	\$3,811	\$935	32%

Source: 2012-2013 Academic Year, Iowa’s Community Colleges, Tuition and Fees Report, issued September 2012. The Chronicle of Higher of Education Almanac Issue 2012-2013.

**Figure 13-5. National and State Average Community College Tuition and Fees**



Source: 2012-2013 Academic Year, Iowa’s Community Colleges, Tuition and Fees Report, issued September 2012. The Chronicle of Higher of Education Almanac Issue 2012-2013.

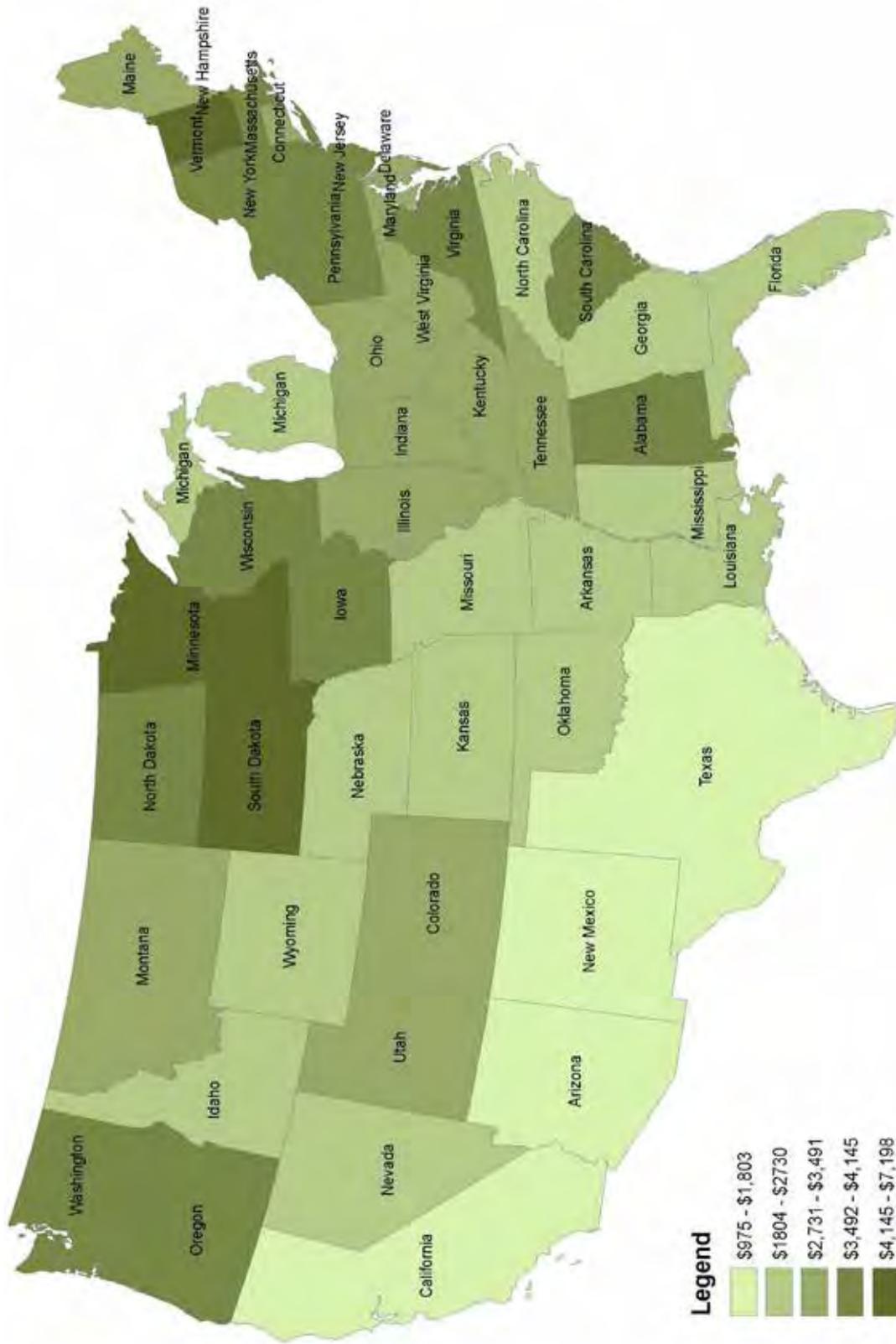
## Regional Comparison of Tuition and Fees

**Table 13-5. Comparison of Average Tuition and Fees with Surrounding States**

	2004	2005	2006	2007	2008	2009	2010	2011	Change 2004- 2011	Change 2004- 2012
Minnesota	\$2,812	\$3,839	\$4,085	\$4,359	\$4,535	\$4,614	\$4,791	\$4,965	\$2,153	76.6%
South Dakota	\$3,414	\$2,840	\$3,154	\$3,495	\$3,730	\$3,931	\$4,357	\$4,700	\$1,286	37.7%
Iowa	\$2,686	\$2,876	\$3,032	\$3,139	\$3,264	\$3,415	\$3,549	\$3,769	\$1,083	40.3%
Wisconsin	\$2,583	\$2,796	\$2,965	\$3,163	\$3,694	\$3,536	\$3,543	\$3,695	\$1,112	43.1%
Missouri	\$1,940	\$2,128	\$2,247	\$2,284	\$2,385	\$2,456	\$2,406	\$2,440	\$500	25.8%
Illinois	\$1,792	\$1,952	\$2,104	\$2,252	\$2,377	\$2,519	\$2,670	\$2,947	\$1,155	64.5%
Kansas	\$1,783	\$1,882	\$1,938	\$1,942	\$2,029	\$2,091	\$2,212	\$2,463	\$680	38.1%
Nebraska	\$1,678	\$1,772	\$1,899	\$1,991	\$2,128	\$2,220	\$2,248	\$2,391	\$713	42.5%

Source: 2012-2013 Academic Year, Iowa's Community Colleges, Tuition and Fees Report, issued September 2012. The Chronicle of Higher Education Almanac Issue 2012-2013.

Figure 13-6. National Comparison of Tuition and Fees: 2013



Source: The Chronicle of Higher Education website (Chronicle.com), information for 2012-2013.

### Comparison of Tuition and Fees with Iowa's Public Universities

Tables 13-7, 13-8, and 13-9 provide a comparison of Iowa's community colleges average annual full-time resident tuition rate to the average tuition rate of Iowa's public universities. By law, community college tuition cannot exceed the minimum tuition at the public

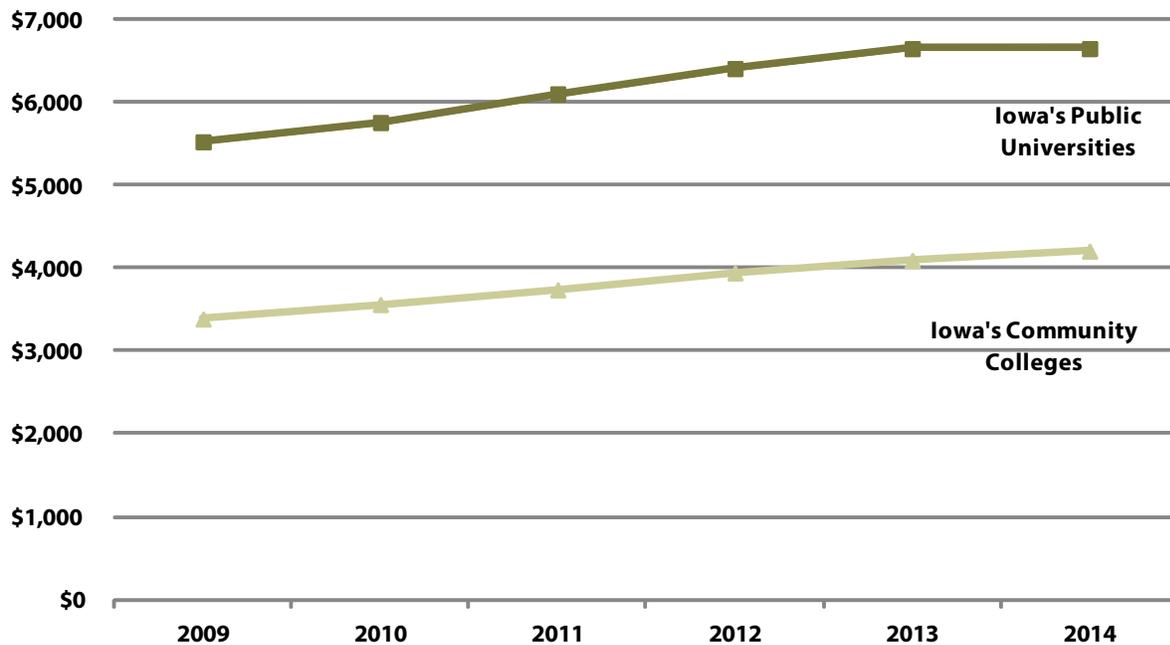
universities. In 2014, community college tuition will be 37 percent lower than the public university average tuition. Iowa's public universities froze their tuition in fiscal year 2014 compared to the 2.75 percent gain for Iowa community colleges.

**Table 13-7. Annual Full-Time Tuition Rates Comparison**

	Fiscal Year 2009	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014	Change 2009-2014	Change 2009-2014
Iowa's Community Colleges	\$ 3,390	\$ 3,566	\$ 3,743	\$ 3,948	\$4,097	\$4,210	\$820	24%
Iowa's Public Universities	\$ 5,532	\$ 5,765	\$ 6,111	\$ 6,417	\$6,658	\$6,658	\$1,126	20%

Source: 2012-2013 Academic Year, Iowa's Community Colleges Tuition and Fees Report, issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa's community colleges and compiled by the Iowa Department of Education; Public university information obtained from the Iowa Board of Regents' website.

**Figure 13-7: Annual Full-Time Tuition Comparison**



Source: 2012-2013 Academic Year, Iowa's Community Colleges Tuition and Fees Report, issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa's community colleges and compiled by the Iowa Department of Education; Public university information obtained from the Iowa Board of Regents' website.

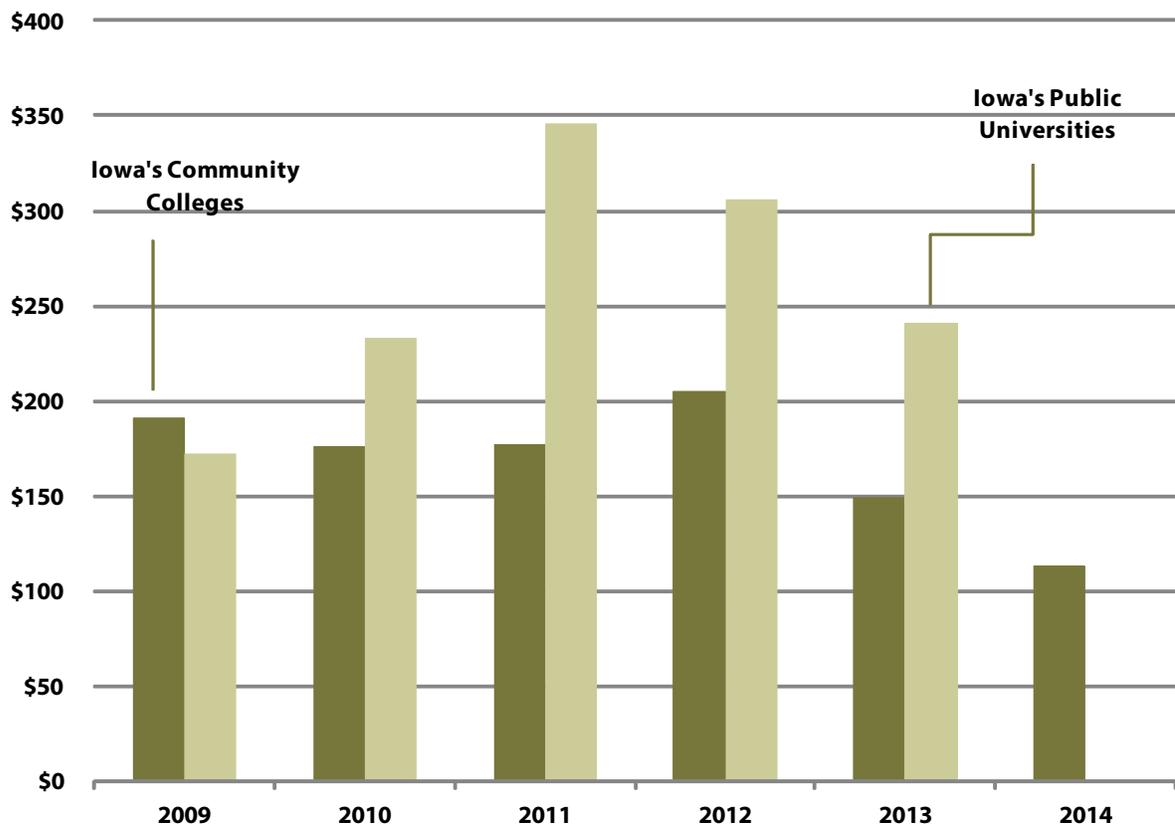
Note: Annual rates are based on a projection of fall tuition rates. 15 hours per semester for Iowa's community colleges; full-time for Iowa's public universities.

**Table 13-8. Annual Full-Time Tuition Increase for Iowa's Public Universities and Iowa's Community Colleges**

Fiscal Year	2009	2010	2011	2012	2013	2014
Iowa's Community Colleges	\$191	\$176	\$177	\$205	\$149	\$113
Iowa's Public Universities	\$172	\$ 233	\$ 346	\$306	\$241	\$0

Source: 2012-2013 Academic Year Iowa's Community Colleges Tuition and Fees Report, issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa's community colleges and compiled by the Iowa Department of Education; Public university information obtained from the Iowa Board of Regents' website.

**Figure 13-8. Annual Average Full-Time Tuition Increase**



Source: 2012-2013 Academic Year Iowa's Community Colleges Tuition and Fees Report, issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa's community colleges and compiled by the Iowa Department of Education; Public university information obtained from the Iowa Board of Regents' website.

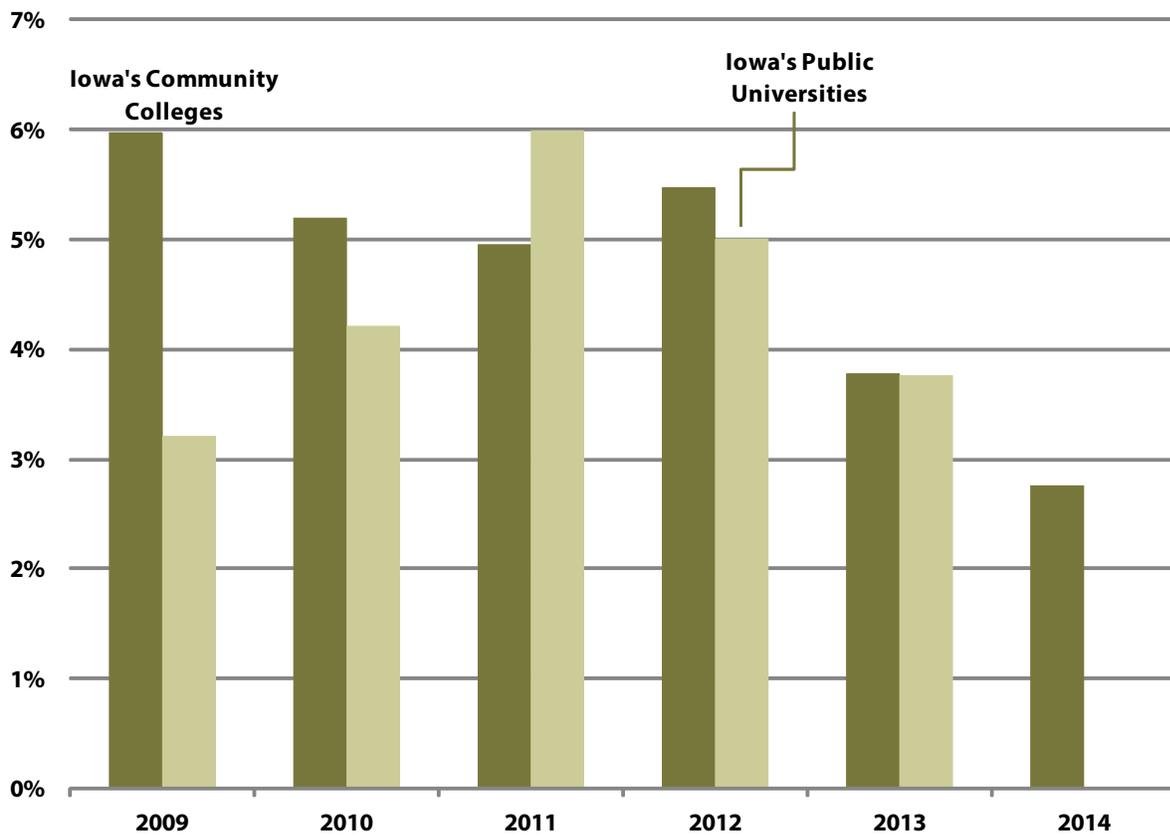
Note: Annual rates are based on a projection of fall tuition rates. 15 hours per semester for Iowa's community colleges; full-time for Iowa's public universities.

**Table 13-9. Annual Average Percentage Increase in Full-Time Tuition**

	2009	2010	2011	2012	2013	2014
Iowa's Community Colleges	5.97%	5.86%	4.96%	5.49%	3.77%	2.76%
Iowa's Public Universities	3.21%	4.21%	6.00%	5.00%	3.76%	0%

Source: 2012-2013 Academic Year, Iowa's Community Colleges, Tuition and Fees Report, issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa's community colleges and compiled by the Iowa Department of Education; public university information obtained from the Iowa Board of Regents' website.

**Figure 13-9. Annual Average Percentage Increase in Full-Time Tuition**



Source: 2011-2012 Academic Year, Iowa's Community Colleges, Tuition and Fees Report, issued September 2011; Electronic 2012-2013 tuition survey data submitted by Iowa's community colleges and compiled by the Iowa Department of Education; Public university information obtained from the Iowa Board of Regents' website.

Note: Annual rates are based on a projection of fall tuition rates. 15 hours per semester for Iowa's community colleges; full-time for Iowa's public universities.

# 14

## FINANCIAL AID

Iowa community college students receive financial aid from federal, state, institutional, and other sources. Student financial aid includes grants, scholarships, and loans. The Chronicle of Higher Education Almanac Issue 2013-2014 reports that in fiscal year 2012, the State of Iowa spent a total of \$52,406,778 on student aid for need-based students, \$5,194,841 on student aid for non-need based students, and \$968,663 on non-grant student aid.

In analyzing aid by source to the community colleges from the Iowa College Student Aid Commission, federal aid was \$458,778,089, state aid was \$6,878,524, institutional aid was \$21,577,612, and other aid was \$9,593,702. The breakdown of community college financial aid shows that in 2012, 92 percent of all aid was from the federal government, four percent was from community colleges, two percent from other aid sources,

and one percent from the State of Iowa.

Accounting for federal, state/local, and institutional financial assistance shows that the net cost of attendance (i.e. what a student actually pays to attend a postsecondary institution) has grown, but at a slow pace. Data indicates that between the 2007-08 and 2009-10 academic year, net cost at Iowa's community college increased by an average of \$387. As a percentage of median family income, net cost increased from 17.26 percent to 17.41 percent.<sup>1</sup>

Various financial options are available to students who need assistance financing the cost of their postsecondary education. Such assistance may come in the form of federal, state, institutional, and/or other financial aid, grants, or work-study.

<sup>1</sup> Iowa College Student Aid Commission. *The Condition of Higher Education in Iowa*. 2012. [www.iowacollegeaid.gov](http://www.iowacollegeaid.gov).

**Table 14-1. 2012-2013 Award Year Grant Volume by School Award Year Cumulative Activity through September 30, 2012**

District	School	FEDERAL PELL GRANT PROGRAM	
		YTD Recipients	YTD Disbursements
1	Northeast Iowa Community College	1,425	\$2,955,520
2	North Iowa Area Community College	846	\$1,748,589
3	Iowa Lakes Community College	823	\$1,809,043
4	Northwest Iowa Community College	293	\$570,385
5	Iowa Central Community College	2,040	\$4,558,718
6	Ellsworth Community College	411	\$945,585
6	Marshalltown Community College	367	\$806,359
7	Hawkeye Community College	1,733	\$3,623,202
9	Eastern Iowa Community College District	2,259	\$4,537,310
10	Kirkwood Community College	4,570	\$9,441,075
11	Des Moines Area Community College	6,547	\$12,866,493
12	Western Iowa Tech Community College	1,722	\$3,635,927
13	Iowa Western Community College - Council Bluffs	2,572	\$5,620,069
14	Southeastern Community College	513	\$1,147,589
15	Indian Hills Community College	1,429	\$2,169,852
16	Southeastern Community College	1,151	\$2,496,687
	<b>TOTAL</b>	<b>28,701</b>	<b>\$58,932,402</b>

Federal Student Aid, Title IV Program Volume Reports, [www.studentaid.ed.gov](http://www.studentaid.ed.gov)

## Grants and Scholarships

A grant is a form of financial assistance which, unlike loans, does not have to be repaid upon graduation from a postsecondary institution. In Iowa, a number of grant funding opportunities are provided through the Iowa College Student Aid Commission. Those currently utilized by community college students include the Iowa Vocational-Technical Tuition grant, the Iowa National Guard Educational Assistance Program, the Iowa Grant, the All Iowa Opportunity Scholarship Program, the Education Training Voucher Program, and the All Iowa Opportunity Foster Grant Program.

The Iowa Vocational-Technical Tuition grant is made available to students enrolled in career and technical education and career option courses through a community college. In FY2012, 3,027 students received awards worth, on average, \$729 – an 11 percent decrease from FY2011 per student.

Service members of the Iowa Air and National Guard are eligible to receive college financial assistance through the Iowa National Guard Educational Assistance Program. In FY2012, 1,416 service members received an average assistance of \$3,357. Of the 1,416 recipients, 786 enrolled in a community college program and, combined, accounted for \$1,858,774 of total awarded funding. On average, financial assistance provided to service members through this grant who enrolled in a community college is \$2,365.

The Iowa Grant is need-based financial assistance which was awarded to 1,199 students in FY2012. The average award totaled \$652. Of these beneficiaries, 414 enrolled in a community college and accounted for \$204,274 of total awarded funding. Recipients enrolled at a community college therefore received an average of \$493 in funding assistance through the Iowa Grant program.<sup>2</sup>

The All Iowa Opportunity Scholarship Program provides financial assistance for students who may not pursue a postsecondary education due to financial or social barriers. A total of 175 community college students

<sup>2</sup> Iowa College Student Aid Commission. Connecting Education & Careers. 2011-2012. [www.iowacollegeaid.gov](http://www.iowacollegeaid.gov).

received financial assistance through this program totaling \$585,302.

The Education and Training Voucher Program is a federal grant administered by the Iowa College Student Aid Commission. The grant is available to foster youth to assist with the financing of postsecondary education and job training. A total of \$240,767 was distributed to 104 community college students through this program in 2012.

The All Iowa Opportunity Foster Grant Program is for youth between the ages of 16 and 23 who were either in foster care or who were adopted after the age of 16. Eligible recipients may receive a grant up to the full cost of tuition. Beyond having been in foster care or adopted after the age of 16, recipients must be residents of Iowa and have graduated from high school or attained a high school equivalency diploma. In 2012, 67 community college students received a total of \$106,226 through this grant program.

The federal government administers a number of need-based grants. Students who demonstrate sufficient financial need may be eligible to receive financial assistance through the Pell grant. According to data from all 15 of Iowa's community colleges made available through the office of Federal Student Aid for 2012, a total of 28,701 student received financial assistance totaling \$58,932,402 through the federal Pell grant – an average of approximately \$2,053 per recipient.

The Federal Supplemental Educational Opportunity Grant (FSEOG) program is another need-based grant for low-income undergraduate students. The grant is administered by participating postsecondary institutions, who must contribute 25 percent of the award amounts, with funding from the federal government. Priority is given to students both eligible for the Pell grant and who demonstrate “exceptional need”, defined as those with the lowest expected family contribution as determined by the student's federal student aid application, or Free Application for Student Aid (FAFSA).<sup>3</sup> In 2012, 5,022 students enrolled at one of Iowa's 15 community colleges

<sup>3</sup> United States Department of Education. Federal Supplemental Education Opportunity Grant (FSEOG) Program. 2012. [www2.ed.gov/programs/fseog/index.html](http://www2.ed.gov/programs/fseog/index.html).

**Table 14-2. 2011-2012 Distribution of Community College Student Aid**

Source	2010		2011		2012	
	Amount	%	Amount	%	Amount	%
Federal	\$436,377,798	93%	\$489,012,519	94%	\$458,778,089	92%
Institutional	\$14,064,544	3%	\$14,472,564	3%	\$21,577,612	4%
Other	\$8,679,522	2%	\$9,842,949	2%	\$9,593,702	2%
State	\$8,371,176	2%	\$6,272,339	1%	\$6,878,524	1%
Total	\$467,493,040		\$519,600,371		\$496,827,927	

Source: Iowa College Student Aid Commission.

**Table 14-3. 2011-2012 Summary of Grant Awards by Institution**

District	School	Iowa Voc-Tech Tuition Grant Program		Iowa Grant Program		All Iowa Opportunity Scholarship Program		Iowa National Guard Education Assistance Program		Education Training Voucher Program		All Iowa Opportunity Foster Grant Program	
		YTD Recipients	\$ Award Amount	Recipients	\$ Award Amount	Recipients	\$ Award Amount	Recipients	\$ Award Amount	Recipients	\$ Award Amount	Recipients	\$ Award Amount
1	Northeast Iowa CC	164	\$123,892	25	\$10,848	3	\$8,843	18	\$45,865	6	\$18,828	5	\$4,426
2	North Iowa Area CC	114	\$91,889	20	\$6,596	5	\$19,650	15	\$33,220	0	\$0	0	\$0
3	Iowa Lakes CC	135	\$110,435	17	\$12,100	4	\$15,720	18	\$55,115	4	\$8,625	0	\$0
4	Northwest Iowa CC	95	\$69,906	2	\$1,938	3	\$11,528	18	\$47,089	0	\$0	0	\$0
5	Iowa Central CC	161	\$116,762	15	\$13,959	9	\$29,710	39	\$110,785	5	\$10,825	3	\$4,420
6	Iowa Valley CC District	68	\$46,563	16	\$6,716	16	\$62,880	8	\$23,512	2	\$4,000	3	\$5,525
7	Hawkeye CC	273	\$210,157	17	\$6,315	17	\$58,850	73	\$203,983	9	\$18,125	9	\$13,428
9	Eastern Iowa CC	171	\$113,312	40	\$17,904	3	\$8,351	41	\$82,933	6	\$8,000	5	\$5,391
10	Kirkwood CC	554	\$389,948	81	\$34,937	24	\$73,118	153	\$350,221	17	\$49,375	10	\$20,912
11	Des Moines Area CC	657	\$453,197	87	\$43,250	25	\$77,127	199	\$409,562	25	\$58,125	17	\$26,777
12	Western Iowa Tech CC	178	\$133,141	15	\$11,894	18	\$61,921	77	\$172,247	9	\$17,579	2	\$2,763
13	Iowa Western CC	75	\$62,265	23	\$11,564	16	\$49,617	51	\$114,916	14	\$24,910	7	\$10,592
14	Southwestern Iowa CC	62	\$50,661	10	\$3,771	14	\$50,672	4	\$9,697	2	\$6,000	0	\$0
15	Indian Hills CC	229	\$169,881	15	\$13,137	15	\$53,710	44	\$128,029	3	\$9,375	4	\$8,170
16	Southeastern Iowa CC	101	\$71,742	31	\$9,345	2	\$3,605	28	\$71,540	2	\$7,000	2	\$3,822
<b>TOTAL</b>		<b>3,037</b>	<b>\$2,213,751</b>	<b>414</b>	<b>\$204,274</b>	<b>175</b>	<b>\$585,302</b>	<b>786</b>	<b>\$1,858,714</b>	<b>104</b>	<b>\$240,767</b>	<b>67</b>	<b>\$106,226</b>

Source: Iowa College Student Aid Commission, Preliminary Summary of Payments by Institution.

received financial assistance through the FSEOG program. Total disbursements amounted to \$2,040,450. Therefore, the average grant awarded to eligible students was \$406.30.

## Loans

Many federal financial assistance programs are run through the office of Federal Student Aid, a division of the U.S. Department of Education. Federal financial aid can be applied for by filing a FAFSA. The FAFSA will be used to customize a student aid package, or financial aid offer. The offer may include a varying assortment of grants, loans, or other financial assistance. Iowa residents in 2012-2013 filed 194,962 FAFSA applications, a four percent decrease from the previous year. Of these applicants, 24,433, or 13 percent of applicants, were high school seniors.

The current average amount of total loans for students enrolled at public 2-year institutions in Iowa is approximately \$4,700 – meaning, on average, students enrolled in Iowa’s public 2-year institutions will take out almost \$4,700 in loans per academic year. This amount is the 12<sup>th</sup> highest in the United States for students enrolled in public two-year institutions.<sup>4</sup> In 2012, 64 percent of community college students in Iowa graduated with student loan debt. Student loan debt for the graduating class of 2012 totaled \$81,275,003, or \$13,185 per student.<sup>5</sup>

Nationally, 57 percent of students attending a public two-year institution received some form of financial aid from the federal government in 2011-12 according to the National Center for Education Statistics. The average amount of financial aid these students received from the federal government per year was \$4,700; financial grants – \$3,000; student loans - \$4,700; and work study - \$2,700. Students received an average of \$1,600 in state financial aid and grants, and an average of \$1,000 in institutional aid and grants.<sup>6</sup>

## Default rates

Failure to make loan payments per the schedule stipulated in a student’s promissory note results in the student defaulting on their student loans. The default rate indicates how many students enter into default on an institutional basis. The default rate is calculated as a percentage of a school’s borrowers who enter repayment on certain federal student loans during a particular federal fiscal year and default prior to the end of the next

fiscal year.<sup>7</sup>

According to the most recent data available from the office of Federal Student Aid, 28,627 community college students in Iowa entered into repayment starting in 2011. Of those students who entered repayment, 5,296 entered into default, i.e., 18.5 percent of community college students who entered repayment in 2011 defaulted on their student loans.

## Work Study

To assist with paying for educational expenses, the federal Work-Study program provides part-time employment to both part- and full-time students enrolled at participating postsecondary institutions. A combined 2,150 students enrolled at Iowa’s 15 community colleges participated in a work-study program. On average these students received \$1,091.31 in work-study aid; combined - \$2,346,308.<sup>8</sup>

<sup>7</sup> Hunt-White, Tracy, et al. 2011-12 *National Postsecondary Student Aid Study*. National Center for Education Statistics, Washington, 2013. [www.nces.ed.gov](http://www.nces.ed.gov).

<sup>8</sup> United States Department of Education. *Federal Supplemental Education Opportunity Grant (FSEOG) Program*. 2012. [www2.ed.gov/programs/fseog/index.html](http://www2.ed.gov/programs/fseog/index.html).

<sup>4</sup> Iowa College Student Aid Commission. *Free Applications for Student Aid (FAFSA) filed by Iowa Residents*. 2013. [www.iowacollegeaid.gov](http://www.iowacollegeaid.gov)

<sup>5</sup> Iowa College Student Aid Commission. *Student Borrowing State by State*. 2008-2009. [www.iowacollegeaid.gov](http://www.iowacollegeaid.gov)

<sup>6</sup> Iowa College Student Aid Commission. *Student Loan Debt at Iowa Colleges and Universities*. 2012. [www.iowacollegeaid.gov](http://www.iowacollegeaid.gov)

# 15

## FINANCIAL

The total Fund 1 unrestricted general fund revenues increased \$8,557,639 in fiscal year 2013 from the prior year. This represented a 1.57 percent increase in nominal terms. This increase in revenue consisted, in part, from a

8.24 percent increase in state general aid, a 3.62 percent increase in local revenues, and a 7.27 percent increase in other income. Tuition and fees decreased by 2.42 percent and federal revenue decreased by 4.27 percent.

**Table 15-1. Nominals by Source 2009-2013**

	Tuition & Fees	Local	State General Aid	Federal	Other Income	Total Revenue
2009	\$237,273,711	\$23,145,956	\$180,316,479	\$11,937,650	\$34,482,827	\$487,156,624
2010	\$280,576,464	\$24,287,204	\$148,754,233	\$34,904,942	\$31,257,259	\$519,780,102
2011	\$308,633,060	\$25,406,419	\$158,754,232	\$14,478,452	\$31,507,835	\$538,779,998
2012	\$314,657,804	\$26,471,137	\$163,774,647	\$10,142,936	\$29,392,828	\$544,439,352
2013	\$307,054,107	\$27,428,532	\$177,274,655	\$9,710,256	\$31,529,441	\$552,996,991

Source: Iowa Department of Education, Division of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1, See Table 15-11.

Tuition and fees (55.53 percent) was the largest source of revenue for the community colleges with SGA following at 32.06 percent. Other income was 5.70 percent of fund

1 revenue while local and federal sources of revenue were 4.96 percent and 1.76 percent, respectively.

**Table 15-2. Adjusted Totals by Source in 2013 dollars**

	Tuition & Fees	Local	State General Aid	Federal	Other Income	Total Revenue
2009	\$258,779,075	\$25,243,796	\$196,659,509	\$13,019,622	\$37,608,187	\$531,310,190
2010	\$298,177,316	\$25,810,765	\$158,085,740	\$37,094,565	\$33,218,059	\$552,386,446
2011	\$322,727,513	\$26,566,663	\$166,004,116	\$15,139,644	\$32,946,714	\$563,384,651
2012	\$319,676,170	\$26,893,316	\$166,386,631	\$10,304,702	\$29,861,604	\$553,122,423
2013	\$307,054,107	\$27,428,532	\$177,274,655	\$9,710,256	\$31,529,441	\$552,996,991

Source: Iowa Department of Education, Division of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1, See Table 15-11.

However, state general aid (6.54 percent), Other revenue (5.59 percent), and local revenue (1.99 percent) all showed real increases from 2012.

From 2009 through 2013, total revenue has increased 4.08 percent in real dollars. During this time (2009–2013), tuition and fees revenue has shown a real dollar increase

of 18.65 percent and local revenue has increased 8.65 percent. State general aid has decreased 9.86 percent, federal support has decreased 25.42 percent, and other revenue has decreased 16.16 percent in real dollars.

**Table 15-3. SGA as Percentage of Total Revenue 2009-2013**

	State General Aid	Total Revenue	% of Revenue
2009	\$180,316,479	\$487,156,624	37.01%
2010	\$148,754,233	\$519,780,102	28.62%
2011	\$158,754,232	\$538,779,998	29.47%
2012	\$163,774,647	\$544,439,352	30.08%
2013	\$177,274,655	\$552,996,991	32.06%

Source: Iowa Department of Education, Division of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1, See Table 15-11.

**Unrestricted General Fund Expenditures by Source**

The total unrestricted general fund expenditures in fiscal year 2013 increased \$11,197,191 from the previous year in nominal terms. This represented a 2.07 percent increase. The increase in expenditures included a 3.08 percent increase in salaries and benefits, a 0.81 percent

increase in service expenses, and a 0.74 percent increase in current expenses. Capital outlays decreased by 14.96 percent and materials, supplies and travel expenses decreased 4.34 percent.

**Table 15-4. Nominal Totals by Source, 2009-2013**

	Salaries	Services	Matls, Supp & Travel	Current Expenses	Capital Outlay	Total
2009	\$365,478,439	\$62,246,650	\$29,016,182	\$21,197,092	\$4,227,282	\$482,165,645
2010	\$371,766,262	\$65,185,796	\$29,145,352	\$32,158,884	\$5,923,243	\$504,179,537
2011	\$388,716,147	\$74,592,882	\$32,105,574	\$28,309,254	\$5,388,948	\$529,112,805
2012	\$403,231,685	\$72,680,073	\$32,800,924	\$28,672,940	\$3,905,209	\$541,290,831
2013	\$415,637,586	\$73,268,714	\$31,376,295	\$28,884,390	\$3,321,037	\$552,488,022

Source: Iowa Department of Education, Division of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1, See Table 15-11.

Total unrestricted general fund expenditures, adjusted to 2013 dollars, increased 5.06 percent from 2009 through 2013 in real dollars. During this time, salaries

increased 4.27 percent, while service expenses increased 7.93 percent. Materials, supplies, and travel expenses decreased 0.85 percent.

**Table 15-5. Adjusted Totals by Source in 2013 Dollars, 2009-2013**

	Salaries	Services	Matls, Supp & Travel	Current Expenses	Capital Outlay	Total
2009	\$398,603,671	\$67,888,391	\$31,646,071	\$23,118,296	\$4,610,423	\$525,866,852
2010	\$395,087,545	\$69,274,969	\$30,973,670	\$34,176,244	\$6,294,814	\$535,807,242
2011	\$406,467,782	\$77,999,341	\$33,571,750	\$29,602,063	\$5,635,047	\$553,275,983
2012	\$409,662,685	\$73,839,222	\$33,324,054	\$29,130,235	\$3,967,492	\$549,923,687
2013	\$415,637,586	\$73,268,714	\$31,376,295	\$28,884,390	\$3,321,037	\$552,488,022

Source: Iowa Department of Education, Division of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1, See Table 15-11.

The services categories are defined below:

1. Salaries – all salaries paid by the community college including administrative, instructional, professional, secretarial & clerical, and service staff. Includes other payroll costs such as fringe benefits and worker’s compensation insurance.
2. Services – items such as professional fees, memberships, publications, rental of materials, buildings and equipment, and insurance.
3. Materials, Supplies, and Travel – expenses such as materials and supplies, periodicals, vehicle materials and supplies, and travel expenses.
4. Current Expenses – items such as purchase for resale, payment on debt principal, student compensation, and transfers.
5. Capital Outlay – items such as furniture, machinery, and equipment, lease purchase equipment, vehicles, land, buildings and fixed equipment, and other structures and improvements.

## **Unrestricted General Fund Expenditures by Function**

Total Unrestricted General Fund expenditures in arts and sciences, adjusted to 2013 dollars, decreased 0.2 percent from fiscal year 2012. Cooperative programs/services decreased 14.26 percent, administration expenses decreased 5.6 percent, and learning resources (1.81 percent) and physical plant (0.84 percent) expenses also decreased. Adult education expenditures increased 2.26 percent in real dollars from the previous year. Student services expenditures increased 4.59 percent, vocational technical expenditures increased 1.88 percent, and general institution expenditures increased 1.48 percent.

From 2009 through 2013, in 2013 dollars, the arts and sciences function experienced a 8.1 percent increase in expenditures, the vocational/technical function a 6.03 percent increase, the administration function a 7.01 percent increase, the physical plant a 0.51 percent decrease, general institution expenses increased 8.79 percent, and student services a 10.73 percent increase. Adult education expenditures increased 5.98 percent, learning resources expenditures decreased 20.09 percent, and cooperative program expenses decreased 32.71 percent since FY 2009.

**Table 15-6. Adjusted Totals by Source in 2013 Dollars**

	Arts & Sciences	Vocational Technical	Adult Education	Cooperative Pgms/Svcs.	Administration	Student Services	Learning Resources	Physical Plant	General Institution	Total
2009	\$126,630,062	\$127,274,244	\$43,878,347	\$11,296,363	\$31,486,823	\$46,255,976	\$14,401,299	\$58,800,831	\$65,842,902	\$525,866,847
2010	\$127,865,086	\$128,416,424	\$41,198,185	\$9,404,807	\$36,004,538	\$45,099,829	\$13,519,181	\$61,693,596	\$72,605,598	\$535,807,245
2011	\$136,208,402	\$134,516,482	\$43,570,671	\$7,820,177	\$34,346,252	\$46,379,349	\$12,966,270	\$64,689,705	\$72,778,682	\$553,275,989
2012	\$137,159,009	\$132,462,298	\$45,471,489	\$8,865,658	\$35,691,568	\$48,973,032	\$11,719,906	\$58,997,666	\$70,583,059	\$549,923,685
2013	\$136,885,664	\$134,946,776	\$46,501,354	\$7,601,465	\$33,694,159	\$51,220,170	\$11,507,477	\$58,501,424	\$71,629,533	\$552,488,022

Source: Iowa Department of Education, Division of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1., See Table 15-11.

The arts and sciences function became the largest source of expenditures in fiscal year 2013 at 24.78 percent, moving past the vocational/technical function (24.43 percent). These functions were followed by the physical plant function at 10.59 percent, the general institution expenses were 12.96 percent, adult education was 8.42 percent, learning resources was 2.08 percent, student services was 9.27 percent, cooperative programs was 1.38 percent, and the administration function was 6.1 percent of the total expenditures in fiscal year 2013.

The function categories are defined below:

**Arts and Sciences** – all administrative and instructional organizational units of the community college that provide instruction in the area of college parallel and career option/college parallel (CO/CP).

**Career/Vocational Technical** – all organizational units designed to provide vocational, technical, and semi-professional training.

**Adult Education** – all organizational units designed to provide services, courses, and programs intended mainly for part-time students who are not a part of one of the instructional divisions of arts and sciences or career/vocational technical functions. Some examples include Adult Basic Education (ABE), high school completion, and short-term preparatory.

**Cooperative Programs or Services** – all organizational units designed to provide instruction for secondary joint effort activities and all activities concerning Chapter 260E Industrial New Jobs Training and Chapter 260F

Jobs Training.

**Administration** – all expenses of the Community College Board of Trustees, the CEO, and business office, which serves the entire community college.

**Student Services** – all organizational units, which are primarily concerned with providing services for students.

**Learning Resources** – all organizational units, which provide for storage, distribution, and use of educational materials throughout the entire community college.

**Physical Plant** – all organizational units, which are responsible for the operation and maintenance of the community college’s physical facilities.

**General Institution** – all other expenses except those included in the above functions. Some examples include institutional development, data processing, general printing, communication, alumni affairs, early retirement, and telecommunications.

### Unrestricted General Fund Revenues vs. Expenditures

After adjusting for inflation (using 2013 dollars), total revenue decreased by 0.02 percent from fiscal year 2012 to fiscal year 2013 and total expenditures increased by 0.47 percent. Since fiscal year 2009, Unrestricted General Fund revenues have grown 4.08 percent while Unrestricted General Fund expenditures have grown 5.06 percent.

**Table 15-6. Unrestricted General Fund Revenues & Expenditures in 2013 Dollars, 2009-2013**

	Adjusted Revenue	Adjusted Expenditures	% Change Revenue	% Change in Expenditures
2009	\$531,310,190	\$525,866,852	-	-
2010	\$552,386,446	\$535,807,242	3.97%	1.89%
2011	\$563,384,651	\$553,275,983	1.99%	3.26%
2012	\$553,122,423	\$549,923,687	-1.82%	-0.61%
2013	\$552,996,991	\$552,488,022	-0.02%	0.47%

Source: Iowa Department of Education, Division of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1, See Table 15-11.

## Full-Time Equivalent Enrollment (FTEE)

The Full-Time Equivalent Enrollment (FTEE) calculation is utilized when determining SGA. Due to timing of the calculation to meet Iowa Legislative deadlines, the enrollment used to calculate SGA is two years behind the year of the aid (i.e., fiscal year 2013 enrollments are used to calculate fiscal year 2015 SGA). Twenty-four (24) credit semester hours equals one FTEE,

while 600 non-credit contact hours equals one FTEE. Fiscal year 2013 saw a decrease of 5,808 FTEE from the previous year, down to a total of 96,695. This represented a 5.67 percent decrease from the previous year.

**Table 15-8. FTEE Totals, 2009-2013**

	2009	2010	2011	2012	2013
NICC-01	4,924.06	5,529.45	5,278.03	4,837.57	4,770.06
NIACC-02	3,815.61	3,840.83	3,526.39	3,360.18	3,063.76
ILCC-03	3,147.94	3,630.52	3,698.84	3,293.27	3,010.70
NCC-04	1,575.84	1,811.79	1,858.33	1,680.97	1,681.00
ICCC-05	5,969.25	6,460.67	6,733.43	6,578.78	6,479.84
IVCCD-06	3,276.35	3,552.99	3,524.28	3,392.73	3,351.29
HCC-07	5,843.13	6,280.28	6,451.82	6,103.60	5,919.41
EICCD-09	7,867.01	9,146.55	9,429.42	9,157.39	8,172.87
KCC-10	16,011.12	18,231.23	18,559.59	17,529.66	16,165.84
DMACC-11	18,793.75	22,332.38	23,061.85	22,982.49	21,144.20
WITCC-12	4,737.12	5,453.52	6,151.44	5,481.36	5,329.27
IWCC-13	5,911.32	6,591.13	7,158.23	7,406.15	7,335.36
SWCC-14	1,709.74	1,871.62	1,951.05	1,816.61	1,732.24
IHCC-15	5,241.26	6,113.32	6,224.50	5,660.41	5,437.66
SCC-16	3,525.73	3,964.40	3,643.83	3,223.19	3,102.42
Total	92,349.23	104,810.67	107,251.03	102,504.34	96,695.92

Source: Iowa Department of Education, Division of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1, See Table 15-11.

## State General Aid (SGA)

The fiscal year 2013 SGA amount was \$177,274,647. This amount represented an increase of \$13,500,000, or 8.24 percent over the previous year. After adjusting

previous SGA amounts into 2013 dollars, the SGA has increased 4.73 percent in real dollars since fiscal year 2004, but is currently below the amount received in 2007-2009.

**Table 15-9. SGA Totals in 2013 Dollars**

	Nominal SGA Amount	Adjusted SGA Amount
2004	\$136,127,396	\$169,262,509
2005	\$139,779,244	\$168,790,584
2006	\$149,579,244	\$173,702,009
2007	\$159,579,244	\$181,546,460
2008	\$171,962,414	\$187,604,248
2009	\$180,316,478	\$196,659,508
2010	\$148,754,233	\$158,085,740
2011	\$158,754,232	\$166,004,116
2012	\$163,774,647	\$166,386,631
2013	\$177,274,647	\$177,274,647

Source: Iowa Department of Education, Division of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1, See Table 15-11.

## Unrestricted General Fund Revenue and Expenditure per FTEE

Unrestricted General Fund revenue per FTEE, after adjusting to 2013 dollars, indicates that overall amounts of revenue per FTEE have decreased 0.6 percent from FY 2009 through FY 2013. Fiscal year 2013 revenue per FTEE was 5.98 percent more than fiscal year 2012.

The Unrestricted General Fund expenditures per FTEE, after adjusting to 2013 dollars, show that the total per FTEE has increased 0.34 percent since fiscal year 2009. The fiscal year 2013 expenditure per FTEE amount increased 6.5 percent from the previous year.

**Table 15-10. Adjusted Revenue and Expenditures / FTEE (2013 Dollars)**

	Revenue	Expenditures	FTEE Total	Revenue / FTEE	Expenditures / FTEE
2009	\$531,310,190	\$525,866,852	92,349.23	\$5,753	\$5,694
2010	\$552,386,446	\$535,807,242	104,810.67	\$5,270	\$5,112
2011	\$563,384,651	\$553,275,983	107,251.01	\$5,253	\$5,159
2012	\$553,122,423	\$549,923,687	102,504.34	\$5,396	\$5,365
2013	\$552,996,991	\$552,488,022	96,695.92	\$5,719	\$5,714

Source: Iowa Department of Education, Division of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1, See Table 15-11.

## State General Aid Per FTEE

Utilizing SGA information adjusted into 2013 dollars, the SGA amount per FTEE has decreased 8.26 percent since 2004. The SGA per FTEE amount increased in

fiscal year 2013 by 12.9% compared to the previous year. An increase in state general aid in 2013 as well as a decrease in FTEE has contributed to this growth.

**Table 15-11. SGA Totals in 2012 Dollars**

	Adjusted SGA Amount	FTEE	\$/ FTEE
2004	\$169,262,509	84,699.42	\$1,998
2005	\$168,790,584	86,614.34	\$1,949
2006	\$173,702,009	86,247.10	\$2,014
2007	\$181,546,460	88,494.93	\$2,051
2008	\$187,604,248	89,512.99	\$2,096
2009	\$196,659,508	92,349.23	\$2,130
2010	\$158,085,740	104,810.67	\$1,508
2011	\$166,004,116	107,251.01	\$1,548
2012	\$166,386,631	102,504.34	\$1,623
2013	\$177,274,647	96,695.92	\$1,833

Source: Iowa Department of Education, Division of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1, See Table 15-11.



# 16

## HUMAN RESOURCES

During fiscal year 2013 (FY 2013, or 2013 in references under this section for this or other fiscal years), Iowa community colleges had 14,671 employees, which included administrative, instructional, professional, secretarial and clerical, and service positions. Some employees were included in more than one reporting category; for example, an administrator who might also teach a course. Thus, there were 16,543 full-time, part-time, temporary, and adjunct positions reported in 2013. The Community College Management Information System (MIS) data does not include employees teaching only non-credit courses for community colleges, unless they are full-time non-credit instructors.

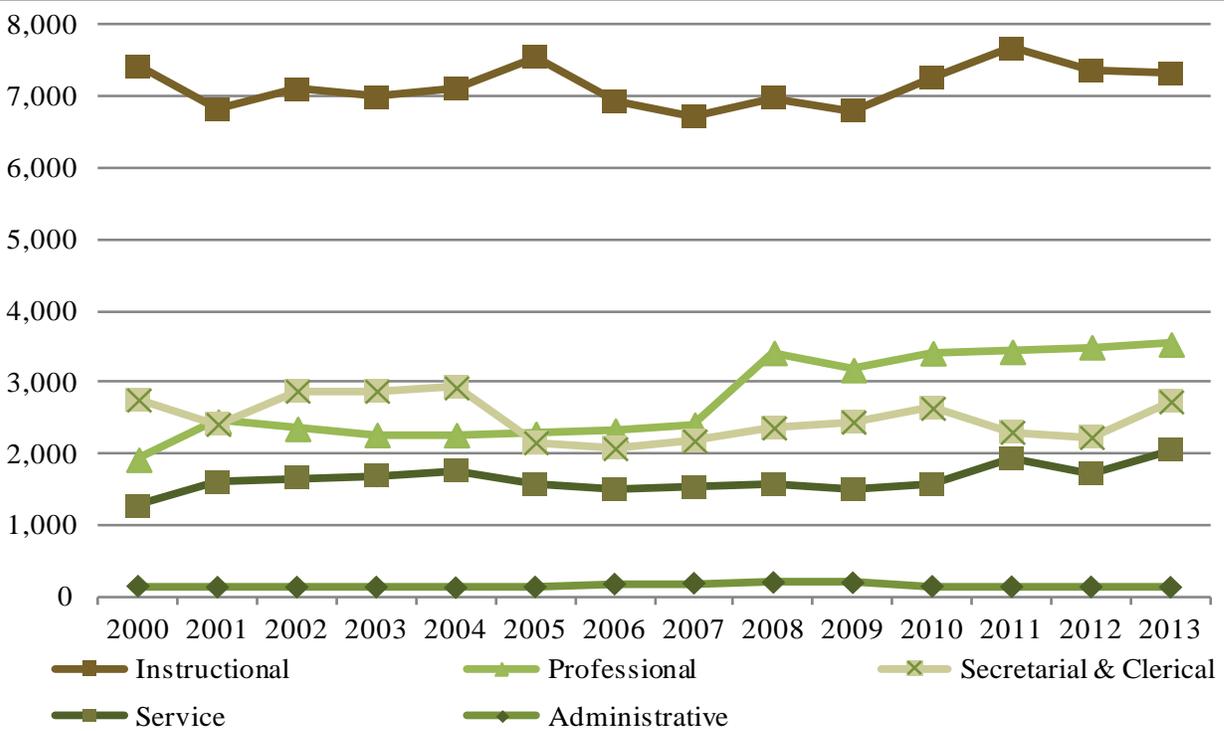
While the total number of employees increased by 4.5 percent from 2012, the professional composition of community college employees has remained relatively the same for the past seven years. The largest group was instructional (46.4 percent), followed by professional (22.4 percent), secretarial and clerical (17.3 percent), service (13.0 percent), and administrative (0.8 percent). Before 2005, secretarial and clerical staff outnumbered professional staff (Figure 16-1).

### COMMUNITY COLLEGE EMPLOYEES

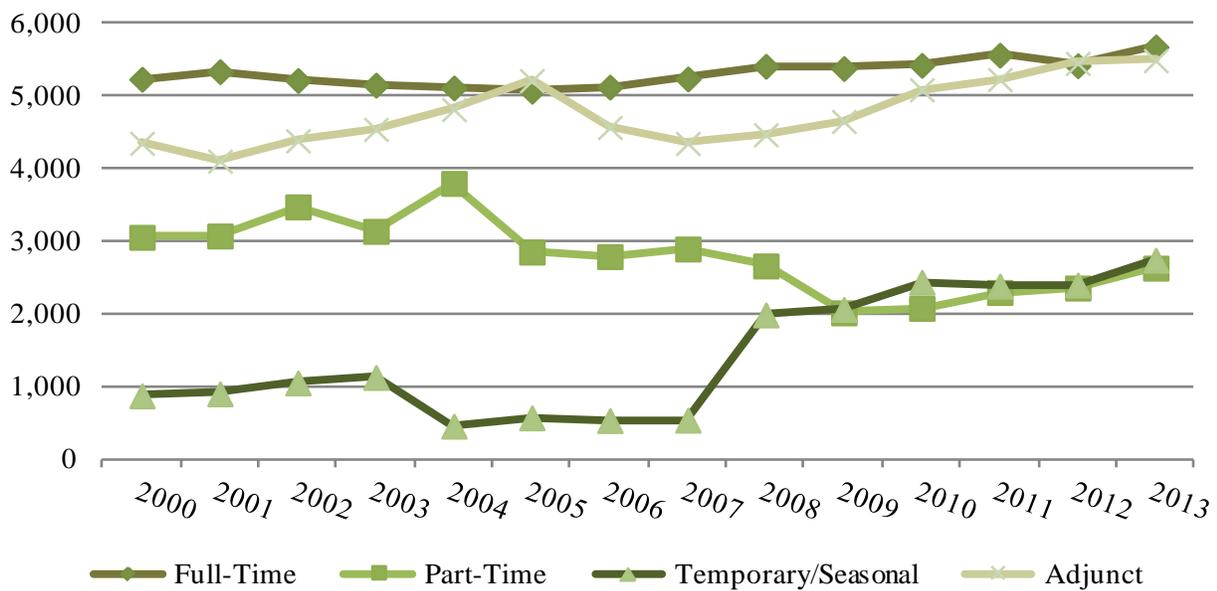
NUMBER OF EMPLOYEES:	CHANGE SINCE LAST YEAR:
<b>14,671</b>	<b>↑ 4.5%</b>
FACULTY:	FACULTY, OF ALL EMPLOYEES:
<b>7,320</b>	<b>46.4%</b>
<small>Down 0.5% since 2012</small>	<small>Down 2.8% since 2012</small>

The distribution by the type of employment has been relative stable since the tracking began in 2000. In 2013, one deviation from the stable pattern occurred: the growth in overall numbers of positions was mainly due to increased numbers of part-time and temporary workers rather than full-time employees and adjuncts. Temporary/seasonal staff positions has grown steadily since experiencing dramatic change in 2008, when a sharp increase occurred that raised the number from 542 to 1,990 employees — a gain of 353 percent. In 2013, temporary/seasonal staff constituted 16.6 percent of all types of positions (Figure 16-2).

**Figure 16-1: Iowa Community Colleges Employees by Position Type: 2000-2013**



**Figure 16-2: Employment by Type: 2000-2013**



**Employee Education and Demographics**

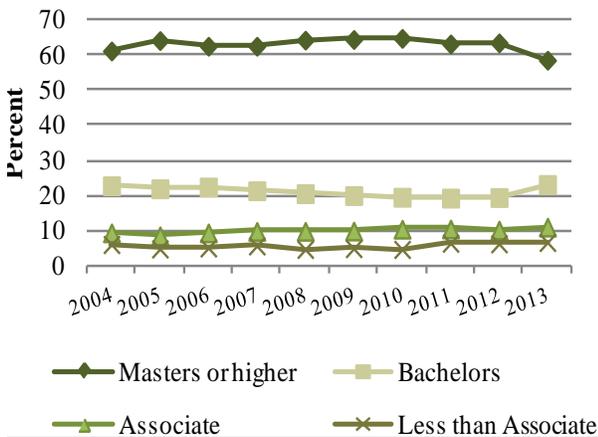
Iowa community college instructors and administrators continuously improve their education. However, the number of instructors and administrators with doctoral degrees, which demonstrated a steady 18 percent average growth between 2004 and 2011, dropped to 234 in 2012, and to 204 in 2013. The percentage for master’s degree or higher fluctuated between 61.2 in 2004 and a record high of 64.9 in 2010. In 2011 this number dropped back to 63.3 percent, grew slightly in 2012, then dropped to a record low 58.6 percent in 2013. The percentage of bachelor’s degree instructors and administrators remained stable from 2008 through 2012 (19.9 percent on average), then increased to a record high 23.3 percent in 2013. The percentage of associate degree holders has remained stable for the past ten years, though it also increased to a record-high in 2013: 11.2 percent (Figure

16-3).

The percent of racial/ethnic minorities grew between 2012 and 2013 from 7.3 to 8.1, and the 14-year trends demonstrated a steady increase in the number of racial/ethnic minorities among Iowa community college employees. The average growth between 2000 and 2013 was 6.3 percent (Figure 16-4).

The distribution within the racial minorities was not as linear. The percentage of American Indians fluctuated between 6.4 (2000) and record low 3.9 2012; in 2013, it increased to 4.0. Asians also demonstrated increases and declines between 2000 and 2013, but their representation dropped to a record low 18.4 percent in 2013. The percentages of Blacks has been relatively stable but did show close to two percent increase in 2013 compared to 2012. The percentages of Hispanics increased to 29.0, a close to 0.5 percent raise since last year. Since 2010, when the new standards allowed reporting of more than one race, the population of more than one race grew from

**Figure 16-3: Instructors and Administrators Degrees: 2004-2013**



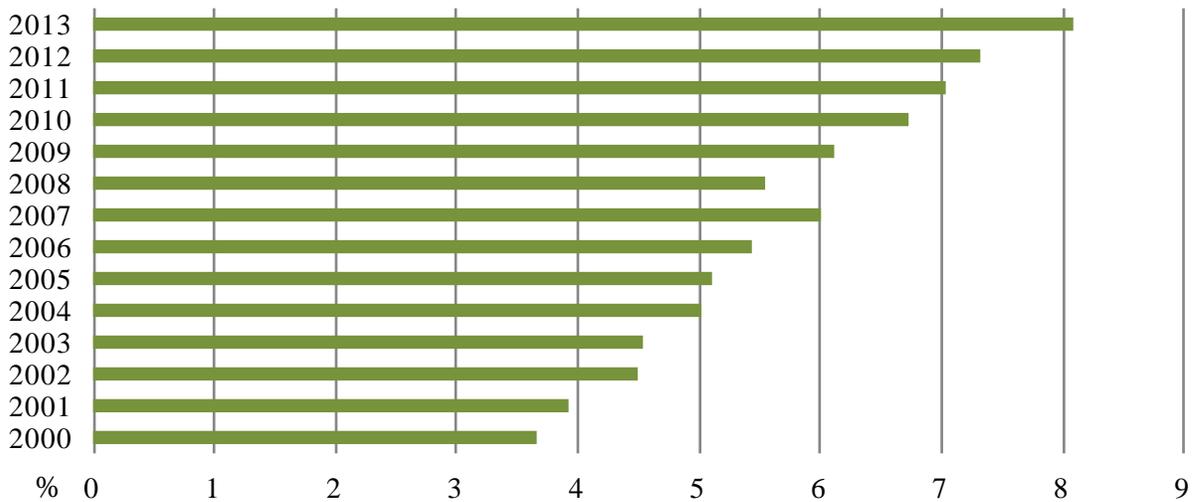
RACE: **CAUCASIAN**  
92 percent

GENDER: **FEMALE**  
59 percent

AGE: **MID FORTIES**  
Mean age: 45 years-old

EDUCATION: **POSTGRAD**  
58.6 percent with Master's or higher

**Figure 16-4: Percent of Racial Minorities Among Employees: 2000-2013**



three percent in 2010 to a high of 8.5 percent in 2012. In 2013, this percentage dropped to 6.0 (Figure 16-5).

A typical community college instructor, as in prior years, was female, 48 years of age, and white.

Gender composition of Iowa community college employees has remained stable. In 2000, females composed close to 58 percent; in 2013 they were 58.9 percent of all employees (Figure 16-6).

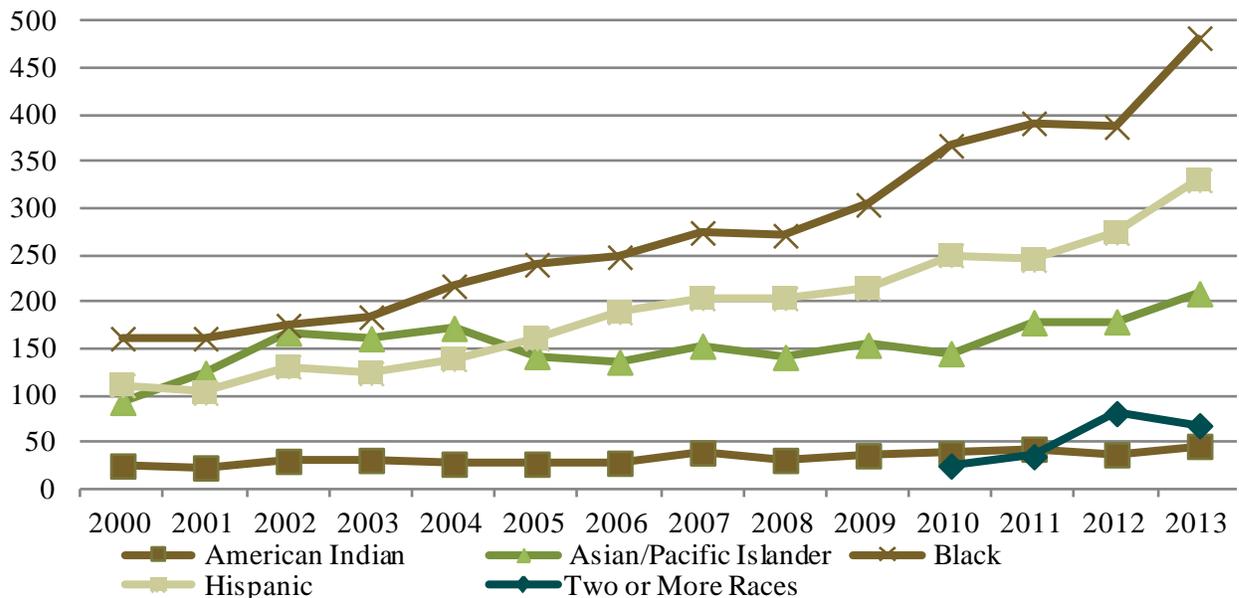
In 2013, the age distribution of Iowa community college employees presented a wide palette of groups, from teen years to mid-eighties. The largest groups were among those between 19-20 and 42-62, peaking at 20. Together, these two groups represented over 51 percent of all community college employees. The average age of community college employees was 45 years old, while the median age was 46 (Figure 16-7).

Distributed among seven age groups, from under 17 to over 55, the largest group of employees in 2013 was between 40-55 years old. This group has remained the largest for the past ten years. The fastest growing group, however, was over 55 years old. In 2004, this group comprised 19 percent of all employees. It steadily grew to 27.9 percent in 2012. In 2013, it has declined to 27.5 percent for the first time since 2004.

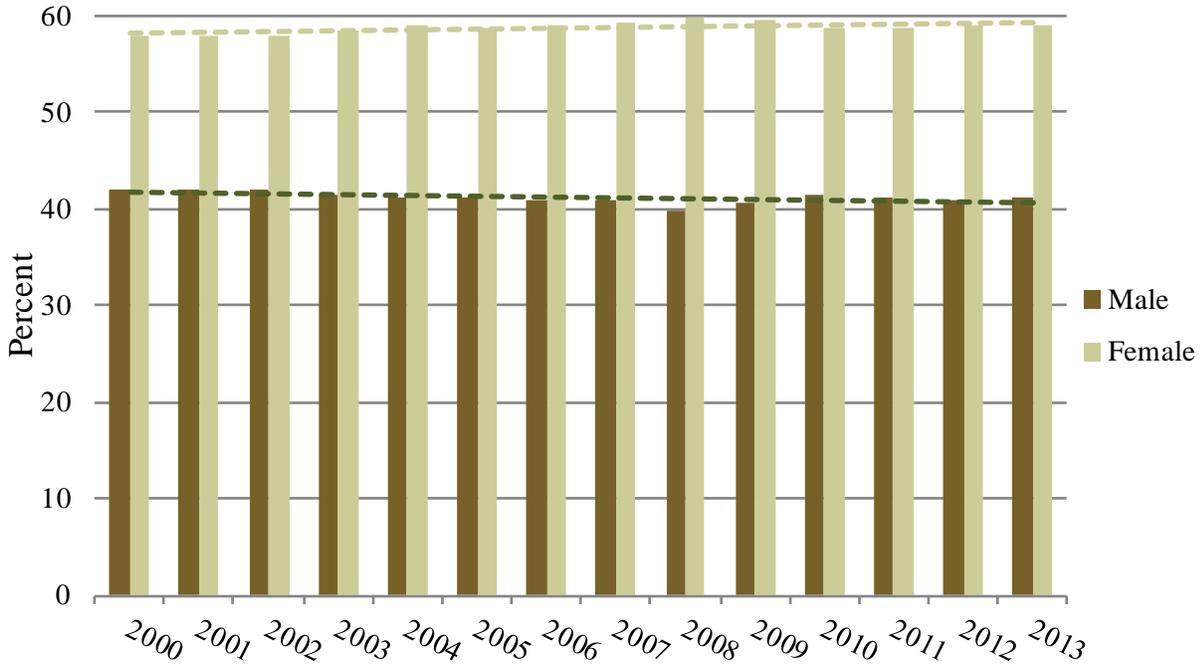
The largest group of community college administrators was between 54 and 58 years old. In 2013, the average age of administrators was 54 years old and the median age was 55 years old (Figure 16-7). In 2012, those numbers were 53 and 54, correspondingly.

Iowa community college full-time instructional staff was comprised of all ages between 25 and 80. The largest group was between 53 and 60, peaking at 55. The

**Figure 16-5: Distribution of Racial/Ethnic Minorities Among Employees: 2000-2013**



**Figure 16-6: Gender Distribution of Employees: 2000-2013**



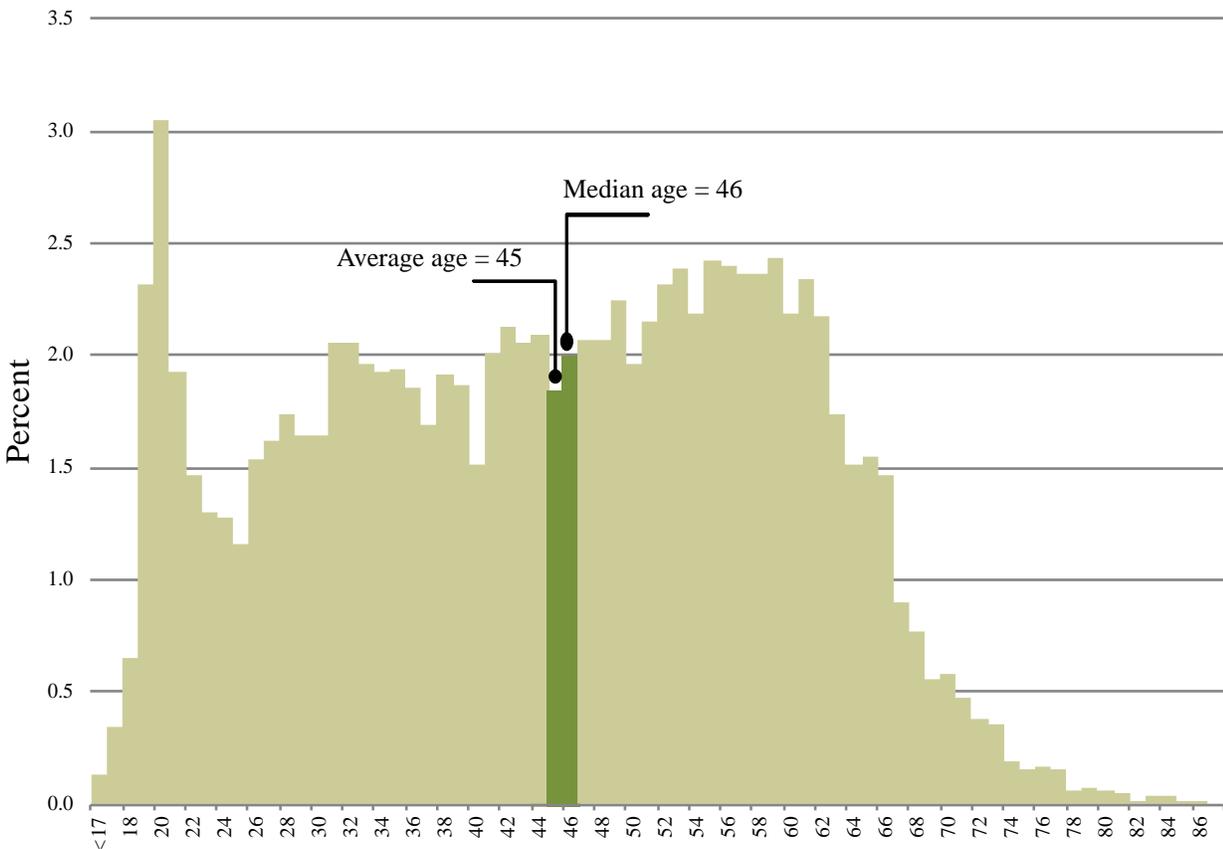
average age of community college full-time instructors was 50 years, and the median age was 51 (Figure 16-8).

The trends nationwide support the notion of an aging faculty. For example, in 2012, 34.2 percent of full-time

faculty in California community colleges were between ages 55 and 64, and the average age of the full-time faculty was 51.8.\* The percentage of Iowa community

\*Faculty Association of California Community Colleges Education Institute, 2012.

**Figure 16-7: Age of Community College Employees: 2013**



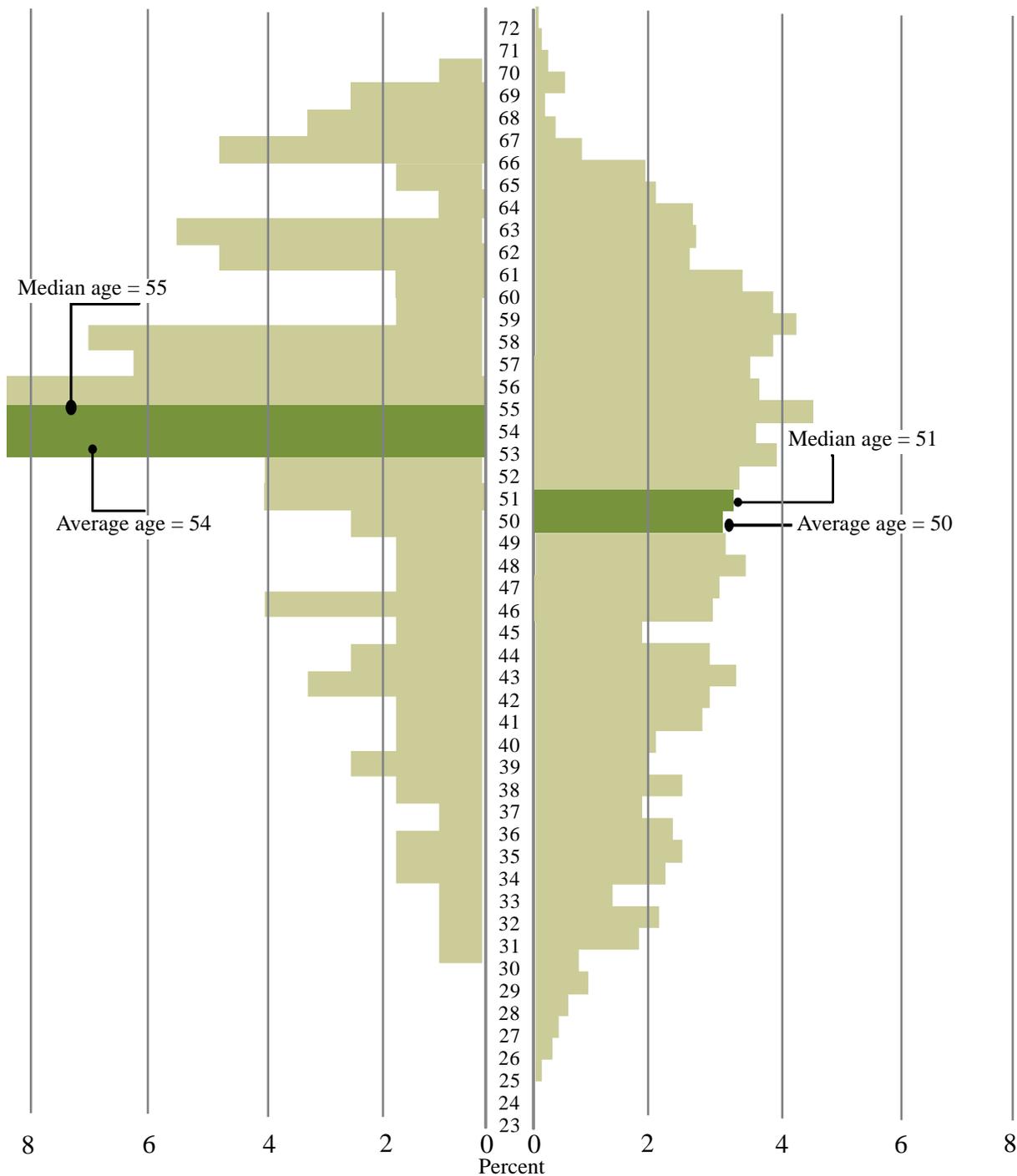
college full-time faculty in the same age group was 32.6. Average age of full-time faculty gradually increased from 2004 through 2011, when it peaked at 50.1. After dipping to 49.5 years in 2012, it rose to 50.0 in 2013. The median age remained at 51 in 2012 and 2013 (Figure 16-8 and 16-9).

### Employee Salaries

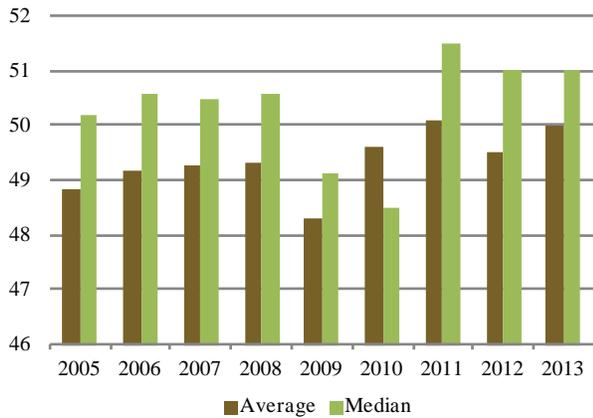
The average base salary for a nine-month contract for full-time instructional employees increased from \$55,601 in 2012 to \$56,692 in 2013. The average increase of full-time instructional staff salaries since 2001 is 3.1 percent (Figure 16-10).

In addition to the Management Information System

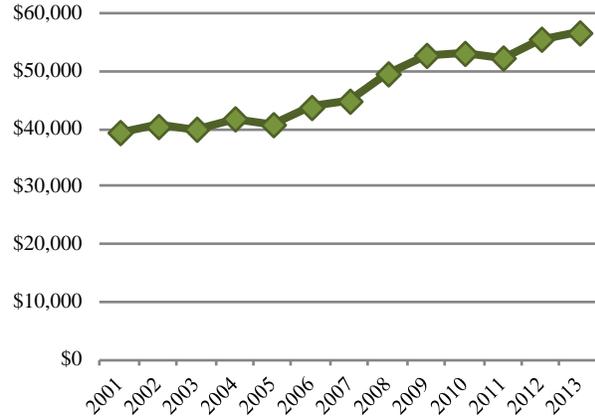
**Figure 16-8: Distribution of Administrators (Left) and Instructors (Right) by Age: 2013**



**Figure 16-9: Average and Median Age of Full-Time Instructors: 2005-2013**



**Figure 16-10: Average Base Salary of Full-Time Instructors: 2001-2013**

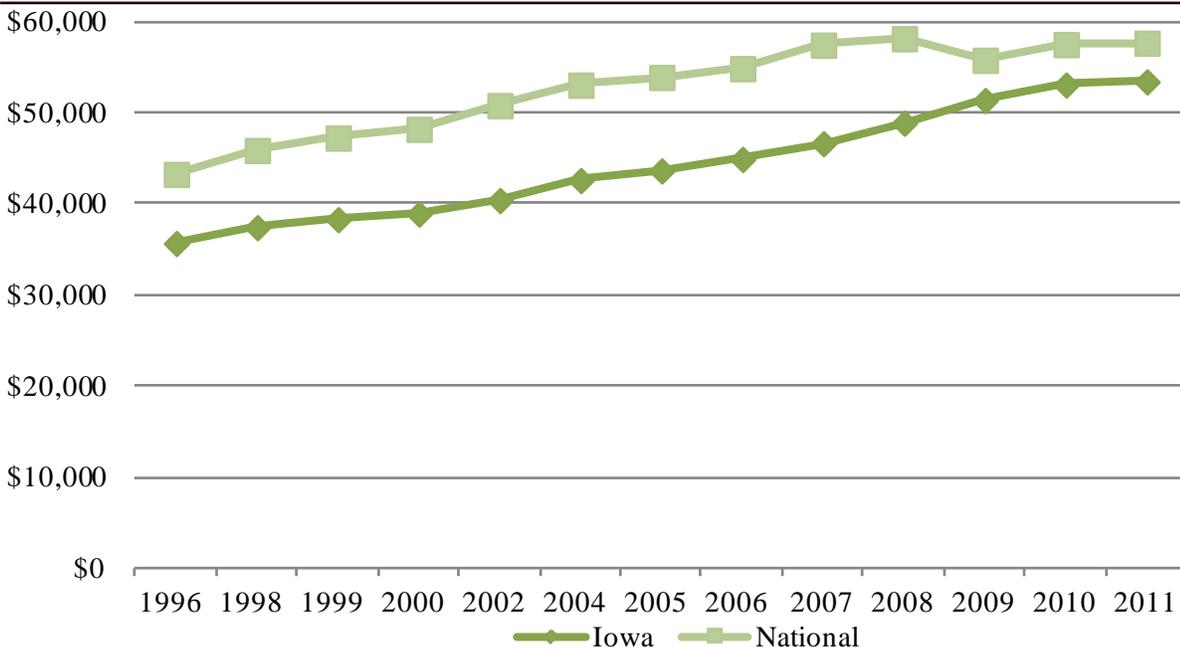


(MIS), there are a number of other state and federal reports that publish faculty salaries. Variances across those reports are due to differences in factors (i.e., definitions, classification systems, and contract periods). For example, the National Center for Educational Statistics (NCES) published \$59,676 as an average salary of full-time instructors\* in two-year public institutions based on nine-month contracts, for fiscal year 2012.

The *Chronicle of Higher Education Almanac* publishes annual numbers for colleges nationwide and by state. According to those numbers, Iowa community college instructors were paid on average 92.7 percent of the

national average salary for two-year public institutions in fiscal year 2011 (latest available data). Based on the data from 1996 through 2011, the average salary steadily increased for Iowa full-time community college instructors. In 2011, the increase was 0.7 percent, while the average salary increase nationally was 0.3 percent (Figure 16-11). Iowa 13-year average salaries demonstrated an increase of 3.4 percent since 1996, while the national average increased 2.4 percent during the same time period.

**Figure 16-11: Comparison of Iowa and National Average Salaries for Full-Time Faculty Members: 1996-2011**



\*NOTE: Before 2004, Chronicle of Higher Education Almanac published the data every other year.

SOURCE: *The Chronicle of Higher Education Almanac* Issues 1998 through 2013.

# 17

## Special Supplement: Adult Literacy

This study examined wage and transitions to credit or noncredit coursework among adult learners participating in the Adult Literacy for the Workforce in Iowa (ALWI), a project designed to deliver basic literacy skills and new job skills to adult workers.

Wilcoxon's signed ranks, a nonparametric technique, tested whether the distribution of weekly wages among participants who completed the program equaled the 25th percentile of the national population of workers who have high school diplomas. Data rejected this null hypothesis ( $p = 0.0079$ ), suggesting the distribution of weekly wages among participants who completed the program was higher than the 25th percentile of the national population of workers who have high school diplomas.

A series of 2 x 2 contingency tables compared separate cohorts of ALWI students, fiscal year (FY) 2011 and FY 2012 respectively, who completed the program and subsequently made a transition to credit and non-credit coursework over the span of two years versus the general population of adult education students. About 26 percent of ALWI participants and 17 percent of adult education students continued their educational endeavors one year later. Two years later, about 23 percent of ALWI participants from FY 2011 cohort and almost 20 percent of adult education students from FY 2011 cohort had continued their education through credit or non-credit coursework.

The authors wish to thank the following people for their comments and suggestions during the review process:

- Nancy Dugan, Eastern Iowa Community College
- Mark Gruwell, Iowa Lakes Community College
- Stephanie Holliman, Indian Hills Community College
- Sandra Jensen, Hawkeye Community College

### Background

"A surprisingly large population of adults already has the basic skills needed for success in postsecondary education," says Reder [6]; however, they "face. . . other barriers to college entry and completion." This population is sometimes known as the working poor. A number of initiatives has arisen to help the working poor overcome barriers to completing a postsecondary award.

Policymakers in Iowa, having grappled with the issue of adult literacy and basic education for a number of years, are well aware of the quandary the working poor

face. To this end, Iowa legislators authorized ALWI, designed to help adult workers become more competitive in the labor market. ALWI offers participants opportunities to acquire adult high school equivalency diplomas, as well as new occupational skills for jobs currently in high demand by local employers.

During FY 2008, Iowa met or exceeded federal targets associated with adult education and literacy. The following year, FY 2009, Iowa again met or exceeded federal targets associated with adult education and literacy.

In FY 2010, the state received \$779,429 from a federal incentive grant, which was used to fund the first year of ALWI. This funding assisted self-selected adult education and literacy students who enrolled in programs designed to help students acquire basic skills and transition into non-credit and/or credit coursework. To receive incentive funding for ALWI, the grant required programs to indicate how participants would receive transition services for credit and noncredit training programs. In FY 2011, 839 students participated in ALWI.

In FY 2011, the state received an additional \$706,297 from the federal incentive grant, which was used to continue funding of ALWI. During FY 2012, the last year in which federal funds paid for ALWI, 901 students participated.

ALWI participants were often enrolled in ALWI programs designed to prepare and support entry into postsecondary education [4], whereas their non-ALWI counterparts may not have been not enrolled in such programs. Participants enrolled in adult literacy programming do not have this kind of support. In many cases, ALWI participants were selected because they had the skills or a stated intent to continue on to postsecondary education. In addition to preparation for postsecondary education, ALWI programs often included components designed to connect participants with employment opportunities in industries with higher wage-earning potentials.

ALWI participants learned skills associated with these industries and were connected to corresponding employers. Registrars at community colleges reported data about participants who continued on to postsecondary training or employment.

### Methodology

Records of adult education participants were selected from the federally-reported adult literacy data set for FY 2011. These records were separated into two mutually

exclusive groups: ALWI participants ( $n = 839$ ) and adult education participants ( $n = 20,646$ ). However, records of 136 ALWI participants had missing data and subsequently were excluded.

This procedure was repeated for FY 2012, yielding 901 ALWI participants and 21,336 adult education participants. No records from the FY 2012 groups were excluded.

Records of ALWI participants from FY 2011 were matched with Iowa unemployment insurance records to ascertain wages. Data for wages were collected from these records beginning with the third calendar quarter of 2010 and ending with the second calendar quarter of 2012. Weekly wages were estimated based on an assumption of thirteen weeks per quarter. Insufficient unemployment insurance records for FY 2012 ALWI participants prevented a similar analysis for this group.

Wages of workers who enrolled in the ALWI program were captured in one of two ways: wages that were captured approximately one year after a participant's enrollment date, or captured wages that showed spikes of at least 10 percent from pre-participation wages within one year after a participant's enrollment date. Wilcoxon's signed ranks test was calculated in R [5], a statistical computing program. Median weekly wages of ALWI participants before entering the program were \$292.00, and \$472.50 after leaving the program.

To avoid duplication of records, students were assigned to one race or ethnicity. For example, students who reported themselves as Hispanic were classified as Hispanic, even if they also reported themselves as members of another sub-population (for example, White, Black, Asian). Basic descriptive statistics were tabulated for gender, ethnicity, age, and employment status at time of entry into the program.

Student records for each group from FY 2011 were matched with credit and non-credit student records from FY 2012 and FY 2013 to determine how many students from each group made a transition to credit courses or to non-credit courses with an intent to transfer to credit courses. This procedure was repeated for each group from FY 2012; however, only student records from FY 2013 were matched because corresponding records for FY 2014 did not yet exist.

### *Assumptions*

The U.S. Bureau of Labor Statistics (BLS) publishes wage information based upon selected demographic criteria, such as level of education. The Iowa Workforce Information Network (IWIN) provides wage information by occupational category, not by demographic characteristics. Therefore, data from BLS were used for population parameters because comparable wage information specific to Iowa demographics is unavailable from IWIN.

At least one organization [3] based entry-level salaries on the lowest median income of salaries by occupational category as published by BLS [1]. The median is too high for workers with less than a college education. However, the 25th percentile, which was used in this study, appears to be a reasonable alternative for entry-level wages of workers at least 25 years old with high school diplomas or equivalent.

### *Limitations*

Although this project has accumulated two years of student records, FY 2010 and FY 2011, data analysis was limited to records acquired during FY 2011 because those records were more accurate. Records pertaining to ALWI participants have enrollment dates, but not exit or completion dates. Wages prior to participation were those wages captured during the quarter immediately before a participant's enrollment date.

## **Results and Discussion**

ALWI participants from the FY 2011 cohort, on average, were 31.3 years old ( $\sigma = 11.5$ ) with an average reported 10.3 years of education ( $\sigma = 2.1$ ). Of the 839 ALWI participants, 58.2 percent were females and 52.3 percent were Whites. Unemployed participants accounted for 66.8 percent of all ALWI participants. Levels of unemployment were equivalent across gender: females, 66.6 percent; males, 66.9 percent. Wilcoxon's signed ranks tested the null hypothesis

$$H_0 : E(D_A) > E(D_B) ;$$

where  $E(D_A)$  equals the estimated distribution of wages of ALWI graduates and  $E(D_B)$  equals \$463.00, the 25th percentile of wages of the general population who are high school graduates [2]. The median income of ALWI graduates was \$472.50 per week, equating to approximately \$24,500 annually.

Conducting Wilcoxon's signed ranks test with R [5] yielded a critical value  $V = 2,275$ . The probability of observing  $V = 2,275$  was 0.0079. The observed data rejected  $H_0$ , suggesting weekly wages of participants who completed the ALWI program were above the national 25th percentile [2] for wages among all workers who had high school diplomas. This finding is encouraging, because over two-thirds of ALWI participants were unemployed upon entry into the program. If lower wages caused the data to reject  $H_0$ , then one could plausibly question the benefit of the ALWI program. However, these wages suggest students who completed the ALWI program learned new job skills that enabled them to become more productive citizens.

Tables 17-1 through 17-3 display  $2 \times 2$  contingency tables of the numbers of students who transition to subsequent credit and/or non-credit coursework among ALWI

participants and all adult education participants respectively. Tables 17-1 and 17-2 describe the cohorts from FY 2011. Table 17-3 describe the cohorts from FY 2012.

Among ALWI participants from FY 2011 who continued their studies one year later (table 17-1), 4.8 percent enrolled in both credit and non-credit courses; 22.3 percent enrolled only in credit courses; and 5.8 percent enrolled only in non-credit courses. Overall, 33.0 percent of ALWI participants continued their studies one

year later by enrolling in some combination of credit or non-credit coursework.

Among non-ALWI adult education students from FY 2011 who continued their studies one year later (table 17-1), 0.8 percent enrolled in both credit and non-credit courses; 6.2 percent enrolled only in credit courses; and 2.9 percent enrolled only in non-credit courses. Overall, almost 10 percent of adult education students continued their studies one year later by enrolling in some combi-

**Table 17-1: Transition to subsequent credit and/or non-credit coursework one year later among ALWI participants and adult education students of the 2011 cohort**

		Non-credit					
		ALWI participants			Adult education students		
Credit		Yes	No	Total	Yes	No	Total
	Yes	34	157	191	170	1,290	1,460
	No	41	471	512	598	18,588	19,186
	Total	75	628	703	768	19,878	20,646

nation of credit or non-credit coursework.

Among ALWI participants from FY 2011 who continued their studies two years later (table 17-2), 3.3 percent enrolled in both credit and non-credit courses; 9.3 percent enrolled only in credit courses; and 10.2 percent enrolled only in non-credit courses. Overall, 22.8 percent of ALWI participants from FY 2011 continued their studies two years later by enrolling in some combination of credit or non-credit coursework.

Among non-ALWI adult education students from FY 2011 who continued their studies two years later (table 17-2), 1.2 percent enrolled in both credit and non-credit

courses; 4.2 percent enrolled only in credit courses; and 14.4 percent enrolled only in non-credit courses. Overall, 19.8 percent of adult education students continued their studies two years later by enrolling in some combination of credit or non-credit coursework.

Among ALWI participants from a separate cohort of FY 2012 who continued their studies one year later (table 17-3), 3.6 percent enrolled in both credit and non-credit courses; 9.9 percent enrolled only in credit courses; and 7.1 percent enrolled only in non-credit courses. Overall, 20.5 percent of ALWI participants from FY 2012 continued their studies one year later by enrolling in some

**Table 17-2: Transition to subsequent credit and/or non-credit coursework two years later among ALWI participants and adult education students of the 2011 cohort**

		Non-credit					
		ALWI participants			Adult education students		
Credit		Yes	No	Total	Yes	No	Total
	Yes	23	65	88	251	856	1,107
	No	72	543	615	2,981	16,558	19,539
	Total	95	608	703	3,232	17,414	20,646

combination of credit or non-credit coursework.

Among non-ALWI adult education students from a separate cohort of FY 2012 who continued their studies one year later (table 17-3), 1.21 percent enrolled in both credit and non-credit courses; 3.5 percent enrolled only in credit courses; and 19.6 percent enrolled only in non-credit courses. Overall, 24.3 percent of adult education participants from FY 2012 continued their studies one year later by enrolling in some combination of credit

or non-credit coursework.

Two theories may explain these differences. First, ALWI participants may have had fewer barriers to education than their adult education peers. If true, then ALWI participants would be in better positions to continue their educational endeavors. Second, adult education students may be “drop-in” students, taking a certain number of courses to update their job skills and then withdrawing before completing a program of study.

**Table 17-3: Transition to subsequent credit and/or non-credit coursework one year later among ALWI participants and adult education students of the 2012 cohort**

		Non-credit					
		ALWI participants			Adult education students		
Credit	Yes	32	89	121	259	751	1,010
	No	64	716	780	4,178	16,148	20,326
	Total	96	805	901	4,437	16,899	21,336

A corollary to the second theory may pertain to cyclical enrollment of adult education students. They may suspend their studies more frequently, resuming whenever they need to update job skills. For example, an adult education student may complete a certain number of credit or non-credit courses one year, suspend studies the second year, and then resume studies during the third year. ALWI participants, especially those with institutional and social safety nets, may be more inclined to persevere.

### Conclusion

With improved job skills, participants in the ALWI program appear to increase their earnings. The ALWI program may have reinvigorated self-confidence among those who endured long periods of unemployment. Other factors, however, may account for this phenomenon. Examples include participants’ motivation to complete the program and their life skills before starting the program.

Areas for additional research include ALWI participants’ continuation into postsecondary education; participants’ goals and objectives upon entering the ALWI program; and language barriers associated with the ALWI program.

### Additional Resources

Division of Community Colleges and Workforce Preparation. *Iowa’s adult literacy program: State plan extension/revisions*. Iowa Department of Education, Des Moines, IA, 2012.

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Irwin S. Kirsch, Ann Jungeblut, Lynn Jenkins, and Andrew Kolstad. *Adult literacy in America: A first look at the findings of the National Adult Literacy Survey*. Technical Report NCES 1993-275, Washington, D.C., April 2002.

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- [5] R Core Team. *R: A Language and Environment for Statistical Computing*. R Foundation for Statistical Computing, Vienna, Austria, 2012. ISBN 3-900051-07-0.
- [6] Stephen Reder. *Adult education and postsecondary success*. Council for Advancement of Adult Literacy, September 2007.

# Appendix A: Methods

## Definitions

This appendix offers definitions of terms that appear throughout the condition report.

**Academic year:** A 12-month period that begins with the first day of the fall term for a community college and continues through the day preceding the start of the next fall term as indicated in the community college’s official calendar.

**Calendar year:** A 12-month period that begins January 1 and ends December 31.

**Cohort:** A group of people who share a common set of characteristics or experiences within a defined period.

**Contact hour:** The number of minutes allocated for an instructional activity. The minimum requirement for one contact hour is 50 minutes.

**Credit hour:** A unit of measure awarded by a postsecondary institution in recognition of a student’s completion of an activity, course, or program.

**Fiscal year:** A 12-month period that an organization uses to make appropriations and provide financial reporting. The state of Iowa uses a fiscal year beginning July 1 and ending June 30 the following year. The federal government uses a fiscal year beginning October 1 and ending September 30 the following year. Unless noted otherwise, “fiscal year” refers to that used by the state of Iowa.

**Graduation rate:** The percentage of students within a defined cohort who earn a two-year award in three years or less.

**Success rate:** The summed percentages of students within a defined cohort who achieved one of the following outcomes in three years or less:

- earned a two-year award, but did not transfer to a four-year college or university, or;
- transferred to a four-year college or university *before* earning a two-year award, or;
- transferred to a four-year college or university *after* earning a two-year award.

**Transfer rate:** The percentage of students within a defined cohort who transfer to a four-year college or university in three years or less.

**Year:** A calendar year, unless noted otherwise.

## Sources

The primary data sources are each of Iowa’s 15 community colleges. Every August, community colleges transmit data to the Department of Education. Upon

receipt, Management Information System (MIS) staff members review the data for discrepancies then return summary reports to confirm accuracy. After confirmation, data files are aggregated for analysis and subsequent reporting. The MIS staff’s objective findings help guide policymakers as they make informed decisions about community colleges.

Secondary sources of data are also used, which help readers compare Iowa’s community colleges with similar postsecondary institutions within the region and throughout the United States. Examples of secondary sources include the National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS), and the National Student Clearinghouse (NSC). Data from Iowa Workforce Development are also utilized to offer insight into jobs and earnings of graduates.

The use of secondary source data calls for guarded inferences. Statistical bias is a major concern. No researcher can confirm the veracity of secondary source data because s/he had no control during the collection process. Although we rely upon data from secondary sources to make certain comparisons, we acknowledge the shortcomings of its use. Please refer discrepancies within secondary sources to their respective owners.

## Analyses

Analyses within the condition report are generally limited to descriptive statistics such as frequencies, means, medians, and percentages. Cross-tabulations are used wherever appropriate. The condition report also makes appropriate use of charts and graphs to help readers see trends over time.

Certain sections of the condition report contain discussions of inferential statistics. In such instances, an assumption was made that readers have limited knowledge of statistics; therefore, the discussions are written accordingly.

## Suggested Usage

Best practices suggest integrating information from various parts of this report. Judgments about any particular college should especially include year-to-year indicators such as demographics, credit hours, and non-credit contact hours. Focusing solely upon a specific indicator will provide an incomplete evaluation of a college, possibly leading one to make inaccurate judgments. There-

fore, a holistic viewpoint is encouraged when making inferences from the data.

The 2013 condition report contains numerous changes to past data as well as new data for the most recent fiscal year. Hence, analysts should rely primarily upon the 2013 report instead of data from prior condition reports.

## Cohorts

The process to define a cohort begins by selecting distinct or unique student records from three previous fiscal years. For example, calculating student success in the 2012 condition report would have begun with a cohort of students from fiscal year 2010. Thus, fiscal year 2012 would represent 150 percent of allocated time to earn an award for students who began their studies during fiscal year 2010.

The size of a cohort represents the denominator for variables such as graduation, transfer, and overall success rates. The following criteria are used to identify students as members of a cohort:

- The first enrollment date is any time during the initial, or base, fiscal year.
- Course credit hours are summed for each student.
  - With the exception of Indian Hills Community College, full-time status is 24 or more credit hours during the initial fiscal year.
  - Indian Hills Community College uses a trimester schedule; therefore, full-time status is 16 or more credit hours during the initial fiscal year.

## Data Set

After selecting the cohort, a new field, *DidGraduate*, was created. Students who earned Associates degrees within three years from the first date of enrollment were assigned a numerical value of 1. Otherwise, they were assigned a numerical value of 0 if they did not graduate within the given time frame.

The cohort list was then submitted to National Student Clearinghouse. Students who transferred to a four-year college or university within three years from the first date of enrollment were assigned a numerical value of 1. Otherwise, they were assigned a numerical value of 0 if they did not transfer within the given time frame. These values were placed in a new field labeled *DidTransfer*.

The raw data set now consists of the following fields:

- Name of community college
- Sex of each student
- Each student’s self-reported race or ethnicity (white, black, etc.)
- Graduation status (0 = no; 1 = yes) of each student
- Transfer status (0 = no; 1 = yes) of each student

**Table A1: Generic contingency table**

		<u>Did transfer</u>		Row totals
		0 (No)	1 (Yes)	
<u>Did graduate</u>	0 (No)	A	B	A+B
	1 (Yes)	C	D	C+D
Column totals		A+C	B+D	Grand total

## Calculations

Both graduation status and transfer status have two possible outcomes. Cross-tabulations were performed to calculate the numbers and percentages of students for each of the four possible outcomes as seen in table A1:

- neither transferred nor earned a two-year award (cell “A”);
- transferred before earning a two-year award (cell “B”);
- earned a two-year award, but did not transfer (cell “C”);
- transferred after earning a two-year award (cell “D”).

### Graduation Rate

Graduation rate describes the percentage of students from a given cohort who earned two-year awards within three years from the first date of enrollment, whether or not they transferred to a four-year college or university.

Equation 1 displays the formula to calculate graduation rate:

$$(1) \quad R_G = ((C+D)/\text{Grand total}) \times 100\%;$$

where  $R_G$  is the graduation rate,  $C$  is the number of students who earned two-year awards (“completers”) within three years but did not transfer, and  $D$  is the number of students who transferred after earning two-year awards.

### Transfer Rate

Transfer rate describes the percentage of students from a given cohort who transferred to a four-year college or university within three years from the first date of enrollment, whether or not they earned two-year awards.

Equation 2 displays the formula to calculate transfer rate:

$$(2) \quad R_T = ((B+D)/\text{Grand total}) \times 100\%;$$

where  $R_T$  is the transfer rate,  $B$  is the number of students

who transferred before earning two-year awards within three years, and  $D$  is the number of students who transferred after earning two-year awards.

### *Success Rate*

Success rate describes the summed percentages of students from a given cohort who met one of the following criteria within three years from the first date of enrollment:

- transferred to a four-year college or university before earning a two-year award (cell “B”);
- earned a two-year award, but did not transfer to a

four-year college or university (cell “C”);

- transferred to a four-year college or university after earning a two-year award (cell “D”).

Although one could divide the sum of these three cells by the grand total to calculate success rate, equation 3 displays an easier method:

$$(3) \quad R_s = ((\text{Grand total}-A)/\text{Grand total}) \times 100\% ;$$

where  $R_s$  is the success rate and  $A$  is the number of students who neither transferred nor earned two-year awards within three years.



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# 2

## TABLES, FALL ENROLLMENT

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**Table 2-1: Historical Enrollment Since 1965**

Year	Total	Full-time	Part-time
1965	9,110	8,269	841
1966	12,419	11,541	878
1967	15,411	13,667	1,744
1968	16,906	15,373	1,533
1969	18,427	16,831	1,596
1970	20,409	18,188	2,221
1971	20,844	18,309	2,535
1972	23,590	19,984	3,606
1973	25,452	20,952	4,500
1974	26,992	20,770	6,222
1975	32,792	24,324	8,468
1976	32,364	23,762	8,602
1977	32,477	22,888	9,589
1978	32,860	22,337	10,523
1979	34,051	22,610	11,441
1980	37,869	24,972	12,897
1981	38,900	25,416	13,484
1982	40,432	26,551	13,881
1983	41,820	26,957	14,863
1984	40,953	25,999	14,954
1985	40,858	25,667	15,191
1986	42,290	26,195	16,095
1987	44,703	26,571	18,132
1988	46,336	27,192	19,144
1989	49,351	28,614	20,737
1990	51,428	29,102	22,326
1991	54,160	30,095	24,065
1992	58,192	32,715	25,477
1993	58,173	31,711	26,462
1994	58,514	31,297	27,217
1995	59,111	31,417	27,694
1996	61,642	32,602	29,040
1997	60,620	32,889	27,731
1998	61,479	33,048	28,431
1999	63,809	33,283	30,526
2000	65,473	34,047	31,426
2001	68,790	35,857	32,933
2002	73,947	38,660	35,287
2003	78,281	41,028	37,253
2004	81,803	41,778	40,025
2005	82,499	41,435	41,064
2006	84,961	41,759	43,202
2007	87,072	42,307	44,765
2008	88,104	43,209	44,895
2009	100,736	50,683	50,053
2010	106,597	53,883	52,714
2011	105,975	51,107	54,868
2012	100,519	46,355	54,164
2013	94,234	42,186	52,048

**Table 2-2: Enrollment Summary, Latest 5 Years**

College	2009	2010	2011	2012	2013
Northeast	5,389	5,136	5,053	5,025	5,201
North Iowa Area	3,729	3,744	3,557	3,278	3,207
Iowa Lakes	3,315	3,474	3,258	3,041	2,650
Northwest Iowa	1,615	1,648	1,544	1,605	1,607
Iowa Central	5,904	6,204	6,298	6,216	5,697
Iowa Valley	3,322	3,154	3,054	3,117	3,141
Hawkeye	6,312	6,664	6,238	5,963	5,802
Eastern Iowa	8,480	9,365	9,839	8,474	8,694
Kirkwood	17,841	18,456	17,610	16,661	15,345
Des Moines Area	22,324	24,658	25,425	23,685	20,167
Western Iowa Tech	5,834	6,421	6,787	6,424	6,330
Iowa Western	6,100	6,799	7,176	7,367	6,991
Southwestern	1,680	1,753	1,762	1,666	1,573
Indian Hills	5,137	5,520	5,033	4,885	4,604
Southeastern	3,754	3,601	3,341	3,112	3,225
Total	100,736	106,597	105,975	100,519	94,234

**Table 2-3: Summary of Credit Hours, Latest 5 Years**

College	2009	2010	2011	2012	2013
Northeast	51,719	50,181	47,116	45,644	44,382
North Iowa Area	37,914	37,732	36,161	32,800	31,282
Iowa Lakes	36,453	38,988	34,920	31,940	27,586
Northwest Iowa	15,787	16,240	15,290	15,161	14,551
Iowa Central	59,748	64,119	65,466	64,287	58,038
Iowa Valley	34,488	34,888	32,733	33,575	32,104
Hawkeye	65,538	68,928	65,302	61,214	58,713
Eastern Iowa	78,381	85,275	87,325	73,161	71,887
Kirkwood	177,971	184,662	174,911	160,560	146,892
Des Moines Area	194,179	211,828	217,840	200,689	177,957
Western Iowa Tech	53,180	60,649	62,525	57,528	55,509
Iowa Western	65,301	73,313	75,930	76,351	72,170
Southwestern	16,918	17,798	17,710	16,419	15,304
Indian Hills	40,645	43,949	38,957	37,898	34,624
Southeastern	38,725	37,586	33,915	31,232	31,747
Total	966,947	1,026,136	1,006,101	938,456	872,744

**Table 2-4: Credit Hours Per Student, Latest 5 Years**

College	2009	2010	2011	2012	2013
Northeast	9.60	9.77	9.32	9.08	8.53
North Iowa Area	10.17	10.08	10.17	10.01	9.75
Iowa Lakes	11.00	11.22	10.72	10.50	10.41
Northwest Iowa	9.78	9.85	9.90	9.45	9.05
Iowa Central	10.12	10.34	10.39	10.34	10.19
Iowa Valley	10.38	11.06	10.72	10.77	10.22
Hawkeye	10.38	10.34	10.47	10.27	10.12
Eastern Iowa	9.24	9.11	8.88	8.63	8.27
Kirkwood	9.98	10.01	9.93	9.64	9.57
Des Moines Area	8.70	8.59	8.57	8.47	8.82
Western Iowa Tech	9.12	9.45	9.21	8.96	8.77
Iowa Western	10.71	10.78	10.58	10.36	10.32
Southwestern	10.07	10.15	10.05	9.86	9.73
Indian Hills	7.91	7.96	7.74	7.76	7.52
Southeastern	10.32	10.44	10.15	10.04	9.84
Total	9.60	9.63	9.49	9.34	9.26

**Table 2-5: Enrollment by Status 2013**

College	Full Time	Part Time	Total
Northeast	1,856	3,345	5,201
North Iowa Area	1,565	1,642	3,207
Iowa Lakes	1,359	1,291	2,650
Northwest Iowa	620	987	1,607
Iowa Central	2,998	2,699	5,697
Iowa Valley	1,661	1,480	3,141
Hawkeye	3,061	2,741	5,802
Eastern Iowa	3,019	5,675	8,694
Kirkwood	7,205	8,140	15,345
Des Moines Area	7,735	12,432	20,167
Western Iowa Tech	2,459	3,871	6,330
Iowa Western	3,733	3,258	6,991
Southwestern	739	834	1,573
Indian Hills	2,564	2,040	4,604
Southeastern	1,612	1,613	3,225
Total	42,186	52,048	94,234

**Table 2-6: Enrollment by Status 2012**

College	Full Time	Part Time	Total
Northeast	2,071	2,954	5,025
North Iowa Area	1,684	1,594	3,278
Iowa Lakes	1,579	1,462	3,041
Northwest Iowa	689	916	1,605
Iowa Central	3,395	2,821	6,216
Iowa Valley	1,817	1,300	3,117
Hawkeye	3,305	2,658	5,963
Eastern Iowa	3,287	5,187	8,474
Kirkwood	8,045	8,616	16,661
Des Moines Area	8,433	15,252	23,685
Western Iowa Tech	2,686	3,738	6,424
Iowa Western	3,981	3,386	7,367
Southwestern	807	859	1,666
Indian Hills	2,954	1,931	4,885
Southeastern	1,621	1,491	3,112
Total	46,354	54,165	100,519

**Table 2-7: Enrollment by Status 2011**

College	Full Time	Part Time	Total
Northeast	2,195	2,858	5,053
North Iowa Area	1,903	1,654	3,557
Iowa Lakes	1,770	1,488	3,258
Northwest Iowa	727	817	1,544
Iowa Central	3,492	2,806	6,298
Iowa Valley	1,795	1,259	3,054
Hawkeye	3,551	2,687	6,238
Eastern Iowa	4,125	5,714	9,839
Kirkwood	9,129	8,481	17,610
Des Moines Area	9,508	15,917	25,425
Western Iowa Tech	3,083	3,704	6,787
Iowa Western	4,071	3,105	7,176
Southwestern	876	886	1,762
Indian Hills	3,085	1,948	5,033
Southeastern	1,797	1,544	3,341
Total	51,107	54,868	105,975

**Table 2-8: Enrollment by Status 2010**

College	Full Time	Part Time	Total
Northeast	2,511	2,625	5,136
North Iowa Area	2,028	1,716	3,744
Iowa Lakes	2,042	1,432	3,474
Northwest Iowa	742	906	1,648
Iowa Central	3,401	2,803	6,204
Iowa Valley	1,947	1,207	3,154
Hawkeye	3,787	2,877	6,664
Eastern Iowa	4,210	5,155	9,365
Kirkwood	10,011	8,445	18,456
Des Moines Area	9,629	15,029	24,658
Western Iowa Tech	3,041	3,380	6,421
Iowa Western	3,982	2,817	6,799
Southwestern	903	850	1,753
Indian Hills	3,557	1,963	5,520
Southeastern	2,092	1,509	3,601
Total	53,883	52,714	106,597

**Table 2-9: Enrollment by Status 2009**

College	Full Time	Part Time	Total
Northeast	2,564	2,825	5,389
North Iowa Area	2,010	1,719	3,729
Iowa Lakes	1,859	1,456	3,315
Northwest Iowa	720	895	1,615
Iowa Central	3,064	2,840	5,904
Iowa Valley	1,847	1,475	3,322
Hawkeye	3,672	2,640	6,312
Eastern Iowa	3,969	4,511	8,480
Kirkwood	9,723	8,118	17,841
Des Moines Area	8,947	13,377	22,324
Western Iowa Tech	2,536	3,298	5,834
Iowa Western	3,574	2,526	6,100
Southwestern	839	841	1,680
Indian Hills	3,272	1,865	5,137
Southeastern	2,087	1,667	3,754
Total	50,683	50,053	100,736

**Table 2-10: Enrollment by Program****2013**

College	College Parallel	Career Option	CTE	Combination	Total
Northeast	3,280	0	1,921	0	5,201
North Iowa Area	2,371	95	679	62	3,207
Iowa Lakes	1,193	546	888	23	2,650
Northwest Iowa	988	51	568	0	1,607
Iowa Central	4,211	299	1,186	1	5,697
Iowa Valley	2,558	147	436	0	3,141
Hawkeye	3,847	0	1,955	0	5,802
Eastern Iowa	5,310	0	3,382	2	8,694
Kirkwood	9,619	134	5,591	1	15,345
Des Moines Area	14,553	1,907	3,707	0	20,167
Western Iowa Tech	4,062	1	2,267	0	6,330
Iowa Western	4,634	0	2,357	0	6,991
Southwestern	1,050	7	516	0	1,573
Indian Hills	1,845	0	2,759	0	4,604
Southeastern	2,345	216	664	0	3,225
Total	61,866	3,403	28,876	89	94,234

**Table 2-11: Enrollment by Program****2012**

College	College Parallel	Career Option	CTE	Combination	Total
Northeast	2,992	0	2,033	0	5,025
North Iowa Area	2,273	275	728	2	3,278
Iowa Lakes	1,415	553	1,009	64	3,041
Northwest Iowa	962	55	588	0	1,605
Iowa Central	4,456	300	1,459	1	6,216
Iowa Valley	2,514	160	443	0	3,117
Hawkeye	3,930	0	2,033	0	5,963
Eastern Iowa	5,237	0	3,231	6	8,474
Kirkwood	10,003	503	6,155	0	16,661
Des Moines Area	17,579	2,365	3,741	0	23,685
Western Iowa Tech	3,990	2	2,432	0	6,424
Iowa Western	4,963	0	2,404	0	7,367
Southwestern	1,159	70	437	0	1,666
Indian Hills	2,123	10	2,752	0	4,885
Southeastern	2,168	254	690	0	3,112
Total	65,764	4,547	30,135	73	100,519

**Table 2-12: Enrollment by Program****2011**

College	College Parallel	Career Option	CTE	Combination	Total
Northeast	2,948	0	2,105	0	5,053
North Iowa Area	2,269	497	790	1	3,557
Iowa Lakes	1,476	620	1,147	15	3,258
Northwest Iowa	820	64	658	2	1,544
Iowa Central	4,345	321	1,624	3	6,293
Iowa Valley	2,472	154	428	0	3,054
Hawkeye	4,067	0	2,170	1	6,238
Eastern Iowa	6,119	8	3,709	3	9,839
Kirkwood	10,280	544	6,784	2	17,610
Des Moines Area	18,609	2,843	3,973	0	25,425
Western Iowa Tech	3,937	36	2,814	0	6,787
Iowa Western	4,888	0	2,288	0	7,176
Southwestern	1,196	135	431	0	1,762
Indian Hills	2,158	12	2,862	1	5,033
Southeastern	2,366	205	770	0	3,341
Total	67,950	5,439	32,553	28	105,970

**Table 2-13: Enrollment by Program****2010**

College	College Parallel	Career Option	CTE	Combination	Total
Northeast	2,815	0	2,321	0	5,136
North Iowa Area	2,207	709	826	2	3,744
Iowa Lakes	1,440	725	1,280	29	3,474
Northwest Iowa	946	68	633	1	1,648
Iowa Central	4,333	328	1,542	1	6,204
Iowa Valley	2,537	159	458	0	3,154
Hawkeye	3,797	0	2,867	0	6,664
Eastern Iowa	5,707	10	3,647	1	9,365
Kirkwood	10,942	540	6,974	0	18,456
Des Moines Area	18,139	2,199	3,758	562	24,658
Western Iowa Tech	3,594	44	2,783	0	6,421
Iowa Western	4,624	1	2,174	0	6,799
Southwestern	1,129	136	459	29	1,753
Indian Hills	2,436	13	3,066	5	5,520
Southeastern	2,438	267	896	0	3,601
Total	67,084	5,199	33,684	630	106,597

**Table 2-14: Enrollment by Program****2009**

College	College Parallel	Career Option	CTE	Combination	Total
Northeast	3,029	0	2,360	0	5,389
North Iowa Area	2,167	638	924	0	3,729
Iowa Lakes	1,451	702	1,161	1	3,315
Northwest Iowa	978	56	581	0	1,615
Iowa Central	3,975	351	1,554	24	5,904
Iowa Valley	2,734	199	389	0	3,322
Hawkeye	3,550	0	2,762	0	6,312
Eastern Iowa	5,315	3	3,159	3	8,480
Kirkwood	11,125	406	6,309	1	17,841
Des Moines Area	16,166	2,148	3,507	503	22,324
Western Iowa Tech	3,332	21	2,481	0	5,834
Iowa Western	4,255	4	1,841	0	6,100
Southwestern	1,082	152	409	37	1,680
Indian Hills	2,323	14	2,798	2	5,137
Southeastern	2,639	219	896	0	3,754
Total	64,121	4,913	31,131	571	100,736

# 3

## TABLES, FISCAL YEAR CREDIT ENROLLMENT AND DEMOGRAPHICS

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### 3-1. LATEST FIVE FISCAL YEARS UNDUPLICATED CREDIT ENROLLMENT

College	2009	2010	2011	2012	2013	Average Change
Northeast	7,047	7,741	7,490	7,236	7,174	0.4%
North Iowa Area	4,958	5,201	4,994	4,655	4,247	-3.8%
Iowa Lakes	4,322	4,774	4,784	4,474	4,197	-0.7%
Northwest	2,108	2,486	2,534	2,452	2,598	5.4%
Iowa Central	8,161	8,657	9,159	8,813	8,733	1.7%
Iowa Valley	4,176	4,460	4,363	4,279	4,232	0.3%
Hawkeye	8,691	9,464	9,791	9,525	9,132	1.2%
Eastern Iowa	11,609	13,452	14,423	14,504	13,200	3.3%
Kirkwood	22,606	25,658	26,222	25,069	23,422	0.9%
Des Moines Area	30,949	35,483	38,099	38,624	36,365	4.1%
Western Iowa Tech	7,630	8,196	8,802	8,747	8,541	2.9%
Iowa Western	7,299	8,097	9,034	9,725	9,971	8.1%
Southwestern	2,037	2,211	2,335	2,286	2,151	1.4%
Indian Hills	7,008	8,065	8,106	7,440	6,946	-0.2%
Southeastern	4,786	5,230	5,004	4,640	4,479	-1.6%
<b>Total</b>	<b>133,387</b>	<b>149,175</b>	<b>155,140</b>	<b>152,469</b>	<b>145,388</b>	<b>2.18%</b>

### 3-2. LATEST FIVE FISCAL YEARS CREDIT HOURS

College	2009	2010	2011	2012	2013	Average Change
Northeast	102,771	118,145	112,594	103,918	100,946	-0.4%
North Iowa Area	74,898	80,476	78,489	74,101	67,050	-2.7%
Iowa Lakes	71,822	84,096	85,787	76,037	69,316	-0.9%
Northwest	29,557	35,260	35,842	34,342	35,219	4.5%
Iowa Central	122,711	135,545	145,112	143,253	140,453	3.4%
Iowa Valley	66,248	73,990	74,486	69,329	69,889	1.3%
Hawkeye	127,914	141,643	145,035	137,166	130,158	0.4%
Eastern Iowa	152,300	182,627	192,596	188,135	165,197	2.1%
Kirkwood	342,516	397,813	406,155	380,671	345,555	0.2%
Des Moines Area	394,903	478,186	499,585	490,370	460,097	3.9%
Western Iowa Tech	96,903	111,094	124,995	112,011	106,334	2.3%
Iowa Western	122,700	139,617	154,220	161,186	160,324	6.9%
Southwestern	32,217	36,586	39,082	36,911	34,470	1.7%
Indian Hills	114,089	135,617	139,839	126,174	121,030	1.5%
Southeastern	75,816	86,246	80,883	70,704	67,522	-2.9%
<b>Total</b>	<b>1,927,364</b>	<b>2,236,939</b>	<b>2,314,697</b>	<b>2,204,306</b>	<b>2,073,559</b>	<b>1.8%</b>

**3-3. ENROLLMENT BY TYPE 2013**

<b>College</b>	<b>Arts &amp; Sciences Only</b>	<b>Career Option Only</b>	<b>Career &amp; Technical Only</b>	<b>Combination</b>	<b>Total</b>
Northeast	4,546	0	2,483	145	7,174
North Iowa Area	2,983	250	709	305	4,247
Iowa Lakes	2,020	665	1,138	374	4,197
Northwest	1,833	67	652	46	2,598
Iowa Central	5,805	969	1,687	272	8,733
Iowa Valley	3,495	167	570	0	4,232
Hawkeye	6,531	0	2,302	299	9,132
Eastern Iowa	8,655	0	4,166	379	13,200
Kirkwood	14,857	449	7,416	700	23,422
Des Moines Area	28,561	2,834	4,303	667	36,365
Western Iowa Tech	5,284	0	3,257	0	8,541
Iowa Western	6,924	0	2,824	223	9,971
Southwestern	1,619	55	472	5	2,151
Indian Hills	2,852	8	3,667	419	6,946
Southeastern	3,295	274	910	0	4,479
<b>Total</b>	<b>99,260</b>	<b>5,738</b>	<b>36,556</b>	<b>3,834</b>	<b>145,388</b>

**3-4. ENROLLMENT BY TYPE 2012**

<b>College</b>	<b>Arts &amp; Sciences Only</b>	<b>Career Option Only</b>	<b>Career &amp; Technical Only</b>	<b>Combination</b>	<b>Total</b>
Northeast	4,471	0	2,621	144	7,236
North Iowa Area	3,005	419	774	457	4,655
Iowa Lakes	2,142	733	1,311	288	4,474
Northwest	1,632	73	697	50	2,452
Iowa Central	5,867	825	1,842	279	8,813
Iowa Valley	3,539	197	543	0	4,279
Hawkeye	6,830	0	2,360	335	9,525
Eastern Iowa	9,262	0	4,709	533	14,504
Kirkwood	15,432	652	8,144	841	25,069
Des Moines Area	29,778	3,601	4,446	799	38,624
Western Iowa Tech	5,174	0	3,573	0	8,747
Iowa Western	6,783	0	2,743	199	9,725
Southwestern	1,646	142	431	67	2,286
Indian Hills	3,188	13	3,708	531	7,440
Southeastern	3,399	249	992	0	4,640
<b>Total</b>	<b>102,148</b>	<b>6,904</b>	<b>38,894</b>	<b>4,523</b>	<b>152,469</b>

**3-5. ENROLLMENT BY TYPE**

College	2011		Career & Technical Only	Combination	Total
	Arts & Sciences Only	Career Option Only			
Northeast	4,405	0	2,916	169	7,490
North Iowa Area	3,081	633	806	474	4,994
Iowa Lakes	2,180	823	1,488	293	4,784
Northwest	1,706	73	699	56	2,534
Iowa Central	6,022	928	1,892	317	9,159
Iowa Valley	3,559	193	611	0	4,363
Hawkeye	5,779	0	3,740	272	9,791
Eastern Iowa	9,249	14	4,740	420	14,423
Kirkwood	16,233	662	8,480	847	26,222
Des Moines Area	29,248	2,836	4,335	1,680	38,099
Western Iowa Tech	4,900	51	3,851	0	8,802
Iowa Western	6,254	1	2,550	229	9,034
Southwestern	1,659	148	449	79	2,335
Indian Hills	3,425	13	4,060	608	8,106
Southeastern	3,523	334	1,147	0	5,004
<b>Total</b>	<b>101,223</b>	<b>6,709</b>	<b>41,764</b>	<b>5,444</b>	<b>155,140</b>

**3-6. ENROLLMENT BY TYPE**

College	2010		Career & Technical Only	Combination	Total
	Arts & Sciences Only	Career Option Only			
Northeast	4,576	0	2,968	197	7,741
North Iowa Area	3,123	725	922	431	5,201
Iowa Lakes	2,211	885	1,413	265	4,774
Northwest	1,707	61	658	60	2,486
Iowa Central	5,577	800	1,984	296	8,657
Iowa Valley	3,571	231	658	0	4,460
Hawkeye	5,617	0	3,559	288	9,464
Eastern Iowa	8,573	5	4,470	404	13,452
Kirkwood	16,275	550	7,996	837	25,658
Des Moines Area	26,868	2,791	4,063	1,761	35,483
Western Iowa Tech	4,559	46	3,591	0	8,196
Iowa Western	5,656	4	2,222	215	8,097
Southwestern	1,561	148	403	99	2,211
Indian Hills	3,394	12	4,088	571	8,065
Southeastern	3,792	261	1,177	0	5,230
<b>Total</b>	<b>97,060</b>	<b>6,519</b>	<b>40,172</b>	<b>5,424</b>	<b>149,175</b>

**3-7. ENROLLMENT BY TYPE**

**2009**

College	Arts & Sciences		Career		Career & Technical Only	Combination	Total
	Only	Option Only	Option Only	Option Only			
Northeast	4,313	4		2,730	0	7,047	
North Iowa Area	2,365	443		1,939	211	4,958	
Iowa Lakes	2,336	591		1,395	0	4,322	
Northwest	1,501	47		560	0	2,108	
Iowa Central	5,424	714		1,790	233	8,161	
Iowa Valley	3,389	217		570	0	4,176	
Hawkeye	5,168	0		3,405	118	8,691	
Eastern Iowa	7,522	1		3,788	298	11,609	
Kirkwood	10,813	1,605		9,133	1,055	22,606	
Des Moines Area	19,722	2,390		7,102	1,735	30,949	
Western Iowa Tech	4,498	9		3,123	0	7,630	
Iowa Western	4,713	12		1,758	816	7,299	
Southwestern	1,299	126		491	121	2,037	
Indian Hills	3,009	23		3,298	678	7,008	
Southeastern	3,685	192		909	0	4,786	
<b>Total</b>	<b>79,757</b>	<b>6,374</b>		<b>41,991</b>	<b>5,265</b>	<b>133,387</b>	

**3-8. PROGRAM ENROLLMENT BASED ON FEDERAL CAREER CLUSTERS\* 2013**

	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total*
Agriculture, Food and Natural Resources	268	46	176	12	73	128	291	146	764	329	21	89	43	158	18	2,562
Architecture and Construction	138	38	194	212	45	38	80	137	450	225	175	127	57	115	51	2,082
Arts, A/V Technology and Communications	55	1	75	23	96	16	195	62	191	337	286	130	27	15	54	1,563
Business, Management and Administration	367	186	372	133	288	67	241	655	1,384	1,328	493	182	93	175	216	6,180
Education and Training		20						34	4	129	20	83				290
Finance		13							46		10					69
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	1,311	563	826	240	749	274	759	2,207	3,646	1,226	1,464	1,786	171	1,939	439	17,600
Hospitality and Tourism		17	74		115			193	404	273		102		112		1,290
Human Services	136	6	83		409	44	94	169	120	1,263	148	70		51	29	2,622
Information Technology	129	64	37	14	26	26	92	299	713	564	46	133	52	368	44	2,607
Law, Public Safety and Security	13	130	87		291	59	190	18	195	923	244			125	140	2,415
Manufacturing	98	86	82	74	546	64	386	353	373	500	159	74	35	659	137	3,626
Marketing, Sales and Service	40	17	16			4	118		165	337	41	67				805
Engineering and Mathematics	3	24	2		48	6		21	65		22	22		31	1	245
Transportation, Distribution and Logistics	99	71	179	63	290	11	190	290	219	435	128	208	55	377	55	2,670
College Transfer (Parallel)	4,691	3,278	2,383	1,876	6,062	3,495	6,830	9,034	15,497	29,198	5,284	7,147	1,624	3,271	3,295	102,965
<b>Total</b>	<b>7,348</b>	<b>4,560</b>	<b>4,586</b>	<b>2,647</b>	<b>9,038</b>	<b>4,232</b>	<b>9,466</b>	<b>13,618</b>	<b>24,236</b>	<b>37,067</b>	<b>8,541</b>	<b>10,220</b>	<b>2,157</b>	<b>7,396</b>	<b>4,479</b>	<b>149,591</b>

\*Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

**3-9. PROGRAM ENROLLMENT BASED ON FEDERAL CAREER CLUSTERS\* 2012**

	Northwest	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total*
Agriculture, Food and Natural Resources	203	168	222	7	81	107	341	148	825	319	18	98	53	159	21	2,770
Architecture and Construction	170	59	246	266	74	37	72	184	489	254	213	115	68	119	56	2,422
Arts, A/V Technology and Communications	54	2	136	24	79	14	197	71	213	410	239	124	36	11	49	1,659
Business, Management and Administration	401	278	322	129	316	90	296	739	1,564	1,644	538	170	147	180	253	7,067
Education and Training	0	28	0	0	0	0	0	43	8	153	13	95	0	0	0	340
Finance	0	10	0	0	0	0	0	0	52	0	17	0	0	0	0	79
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	1,366	620	793	230	757	253	734	2,637	3,990	1,296	1,595	1,755	206	2,138	463	18,833
Hospitality and Tourism	0	21	162	0	116	0	0	242	457	304	0	87	0	95	0	1,484
Human Services	152	9	106	0	406	54	78	156	112	1,412	155	72	0	69	24	2,805
Information Technology	159	122	50	23	32	37	93	295	793	537	61	121	45	312	46	2,726
Law, Public Safety and Security	8	146	90		286	63	196	14	290	1,396	321	0	0	142	124	3,076
Manufacturing	98	98	57	84	504	69	368	398	427	411	175	62	14	546	137	3,448
Marketing, Sales and Service	45	19	14	0	0	16	133	0	195	360	38	58	0	0	0	878
Science, Technology, Engineering and Mathematics	32	22	3	0	64	0	0	58	212	0	39	20	0	41	4	495
Transportation, Distribution and Logistics	113	68	164	69	297	0	227	328	261	437	151	186	76	486	64	2,927
College Transfer (Parallel)	4,615	3,442	2,418	1,680	6,120	3,539	7,165	9,795	16,194	30,533	5,174	6,982	1,709	3,719	3,399	106,484
<b>Total</b>	<b>7,416</b>	<b>5,112</b>	<b>4,783</b>	<b>2,512</b>	<b>9,132</b>	<b>4,279</b>	<b>9,900</b>	<b>15,108</b>	<b>26,082</b>	<b>39,466</b>	<b>8,747</b>	<b>9,945</b>	<b>2,354</b>	<b>8,017</b>	<b>4,640</b>	<b>157,493</b>

\*Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

**3-10. PROGRAM ENROLLMENT BASED ON FEDERAL CAREER CLUSTERS 2011**

	Northwest	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total*
Agriculture, Food and Natural Resources	221	220	231	12	85	115	361	169	822	329	23	84	48	157	31	2,908
Architecture and Construction	193	60	272	237	105	54	91	196	510	288	229	105	77	132	50	2,599
Arts, A/V Technology and Communications	49	15	100	27	80	20	296	89	238	435	196	137	45	0	39	1,766
Business, Management and Administration	486	490	375	122	319	104	253	688	1,657	1,751	541	158	145	195	314	7,598
Education and Training	0	34	0	0	0	0	0	31	12	132	16	90	0	0	0	315
Finance	0	13	0	0	0	0	0	0	60	0	21	0	0	0	0	94
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	1,528	581	918	229	873	281	1,308	2,624	4,006	1,351	1,729	1,650	204	2,463	515	20,260
Hospitality and Tourism	0	23	189	0	77	0	0	230	491	299	0	94	0	99	0	1,502
Human Services	161	10	101	0	458	41	108	172	143	1,294	154	74	0	87	42	2,845
Information Technology	189	124	62	23	32	51	171	233	791	473	85	100	71	399	49	2,853
Law, Public Safety and Security	3	147	118		322	42	278	18	308	1,317	373	0	0	140	176	3,242
Manufacturing	79	115	48	125	493	90	454	380	432	455	276	43	8	567	195	3,760
Marketing, Sales and Service	81	24	16	0	0	6	110		234	382	45	49	0	0	0	947
Science, Technology, Engineering and Mathematics	27	28	7	0	59	0	341	78	258	0	28	21	0	34	1	882
Transportation, Distribution and Logistics	122	74	212	71	287	0	319	331	261	443	186	202	83	485	69	3,145
College Transfer (Parallel)	4,574	3,526	2,448	1,759	6,311	3,559	6,051	9,668	17,019	30,875	4,900	6,483	1,735	4,033	3,523	106,464
<b>Total</b>	<b>7,713</b>	<b>5,484</b>	<b>5,097</b>	<b>2,605</b>	<b>9,501</b>	<b>4,363</b>	<b>10,141</b>	<b>14,907</b>	<b>27,242</b>	<b>39,824</b>	<b>8,802</b>	<b>9,290</b>	<b>2,416</b>	<b>8,791</b>	<b>5,004</b>	<b>161,180</b>

\*Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

**3-11. PROGRAM ENROLLMENT BASED ON FEDERAL CAREER CLUSTERS 2010**

	Northwest	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total*
Agriculture, Food and Natural Resources	226	193	233	14	78	93	296	135	822	337	20	85	43	74	34	2,683
Architecture and Construction	227	88	234	236	84	77	101	189	494	357	257	73	89	120	56	2,682
Arts, A/V Technology and Communications	67	25	108	20	94	19	287	79	254	382	181	120	33		42	1,711
Business, Management and Administration	557	525	398	100	379	122	212	609	1,152	1,883	520	155	158	192	278	7,240
Education and Training	0	42	0	0	0	0	0	35	18	139	9	67	0	0	0	310
Finance	0	10	0	0	0	0	0	0	84	0	23	0	0	0	0	117
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	1,555	686	949	203	903	324	1,310	2,431	3,673	1,260	1,663	1,457	201	2,437	525	19,577
Hospitality and Tourism	0	27	101	0	73	0	0	158	471	257	0	73	0	89	0	1,249
Human Services	151	9	105	0	366	62	114	171	137	1,168	137	59	0	87	47	2,613
Information Technology	167	122	62	25	41	50	165	211	803	438	107	87	73	472	45	2,868
Law, Public Safety and Security	6	148	135	0	323	41	255	23	274	1,218	351	0	0	135	121	3,030
Manufacturing	70	125	57	124	437	91	448	372	417	383	158	56	0	652	223	3,613
Marketing, Sales and Service	82	20	16	0	0	10	101	0	547	493	49	58	0	0	0	1,376
Science, Technology, Engineering and Mathematics	22	34	13	0	71	0	308	221	219	0	17	16	0	34	1	956
Transportation, Distribution and Logistics	114	75	192	69	276	0	297	303	260	400	145	156	58	458	66	2,869
College Transfer (Parallel)	4,773	3,525	2,454	1,765	5,843	3,571	5,905	8,977	17,059	28,586	4,559	5,871	1,658	3,962	3,792	102,300
<b>Total</b>	<b>8,017</b>	<b>5,654</b>	<b>5,057</b>	<b>2,556</b>	<b>8,968</b>	<b>4,460</b>	<b>9,799</b>	<b>13,914</b>	<b>26,684</b>	<b>37,301</b>	<b>8,196</b>	<b>8,333</b>	<b>2,313</b>	<b>8,712</b>	<b>5,230</b>	<b>155,194</b>

\*Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

**3-12. PROGRAM ENROLLMENT BASED ON FEDERAL CAREER CLUSTERS 2009**

	Northwest	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total*
Agriculture, Food and Natural Resources	212	152	206	8	86	79	253	131	742	417	37	57	26	62	50	2,518
Architecture and Construction	190	90	232	203	88	93	91	59	408	734	159	154	100	73	32	2,706
Arts, A/V Technology and Communications	45	32	81	7	89	23	291	84	710	389	132	112	36		26	2,057
Business, Management and Administration	476	624	240	73	314	94	208	443	1,848	3,143	434	140	138	164	204	8,543
Education and Training	0	28	0	0	0	0	0	33	18	148	12	57	0	0	0	296
Finance	0	3	0	0	0	0	0	0	118	0	19	0	0	0	0	140
Government and Public Administration	4	0	0	0	0	0	0	0	111	514	0	0	0	0	0	629
Health Science	1,323	713	805	104	903	277	1,283	2,168	3,804	1,700	1,480	1,559	315	2,452	441	19,327
Hospitality and Tourism	0	16	75	0	44	0	0	132	381	372	0	95	0	56	0	1,171
Human Services	88	5	80	0	192	50	120	115	89	375	117	76	0	76	40	1,423
Information Technology	131	112	43	25	52	49	137	184	855	493	104	100	57	408	41	2,791
Law, Public Safety and Security	10	123	113	0	319	58	224	17	305	1,091	312	0	0	114	104	2,790
Manufacturing	65	131	39	102	393	50	409	333	1,107	387	131	80	0	466	126	3,819
Marketing, Sales and Service	69	18	17	1	0	14	86	0	331	634	42	77	0	0	0	1,289
Science, Technology, Engineering and Mathematics	26	17	11	0	42	0	164	247	192	0	16	57	0	32	2	806
Transportation, Distribution and Logistics	95	98	140	84	300	0	208	256	366	920	137	173	79	324	54	3,234
College Transfer (Parallel)	4,313	3,131	2,240	1,501	5,639	3,389	5,218	7,820	13,047	23,799	4,498	6,586	1,534	4,093	3,685	90,493
<b>Total</b>	<b>7,047</b>	<b>5,293</b>	<b>4,322</b>	<b>2,108</b>	<b>8,461</b>	<b>4,176</b>	<b>8,692</b>	<b>12,022</b>	<b>24,432</b>	<b>35,116</b>	<b>7,630</b>	<b>9,323</b>	<b>2,285</b>	<b>8,320</b>	<b>4,805</b>	<b>144,032</b>

\*Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

**3-13. RACE AND ETHNICITY OF CREDIT ENROLLMENT STUDENTS\***

**2013**

College	American Indian	Asian/Pacific Islander	Black	Hispanic	White	Two or more races	No Response	Total
Northeast	20	45	190	127	6,532	38	222	7,174
North Iowa Area	10	54	169	195	3,742	43	34	4,247
Iowa Lakes	20	136	149	157	3,602	13	120	4,197
Northwest	17	26	10	83	2,308	24	130	2,598
Iowa Central	27	131	969	515	6,572	78	441	8,733
Iowa Valley	75	205	262	344	2,800	34	512	4,232
Hawkeye	31	184	792	261	7,730	133	1	9,132
Eastern Iowa	97	345	1,033	1,074	9,762	233	656	13,200
Kirkwood	116	997	1,936	800	17,040	420	2,113	23,422
Des Moines Area	151	1,203	2,530	2,078	27,804	842	1,757	36,365
Western Iowa Tech	141	184	206	839	5,842	121	1,208	8,541
Iowa Western	144	268	826	586	7,916	20	211	9,971
Southwestern	7	21	39	78	1,961	41	4	2,151
Indian Hills	40	65	261	204	5,743	81	552	6,946
Southeastern	39	55	221	176	3,778	121	89	4,479
<b>Total</b>	<b>935</b>	<b>3,919</b>	<b>9,593</b>	<b>7,517</b>	<b>113,132</b>	<b>2,242</b>	<b>8,050</b>	<b>145,388</b>

\*Reporting parameters for Race and Ethnicity have changed as of 2010.

In order to provide unduplicated counts, the following hierarchy was used:

1. Students of Hispanic origin are excluded from other categories.
2. Students who reported multiple race/ethnicity are grouped under "two or more races" category.
3. Only those students who reported one race and not Hispanic ethnicity are counted under reported race.

**3-14. RACE AND ETHNICITY OF CREDIT ENROLLMENT STUDENTS\***

**2012**

College	American Indian	Asian/Pacific Islander	Black	Hispanic	White	Two or more races	No Response	Total
Northeast	21	33	178	120	6,597	42	245	7,236
North Iowa Area	15	59	167	169	4,163	47	35	4,655
Iowa Lakes	17	118	150	144	3,872	10	163	4,474
Northwest	13	22	21	42	2,204	30	120	2,452
Iowa Central	18	141	796	487	6,945	95	331	8,813
Iowa Valley	68	193	253	312	2,978	42	433	4,279
Hawkeye	33	144	820	232	8,184	109	3	9,525
Eastern Iowa	93	402	1,255	1,140	10,693	232	689	14,504
Kirkwood	103	674	1,136	394	11,310	83	11,369	25,069
Des Moines Area	171	1,313	3,330	1,930	29,004	752	2,124	38,624
Western Iowa Tech	150	193	237	782	5,922	123	1,340	8,747
Iowa Western	128	230	793	445	7,857	15	257	9,725
Southwestern	4	13	38	71	2,073	45	42	2,286
Indian Hills	40	70	204	175	6,070	52	829	7,440
Southeastern	28	70	217	198	3,947	87	93	4,640
<b>Total</b>	<b>902</b>	<b>3,675</b>	<b>9,595</b>	<b>6,641</b>	<b>111,819</b>	<b>1,764</b>	<b>18,073</b>	<b>152,469</b>

\*Reporting parameters for Race and Ethnicity have changed as of 2010.

In order to provide unduplicated counts, the following hierarchy was used:

1. Students of Hispanic origin are excluded from other categories.
2. Students who reported multiple race/ethnicity are grouped under "two or more races" category.
3. Only those students who reported one race and not Hispanic ethnicity are counted under reported race.

**3-15. RACE AND ETHNICITY OF CREDIT ENROLLMENT STUDENTS\***

**2011**

College	American Indian	Asian/Pacific Islander	Black	Hispanic	White	Two or more races	No Response	Total
Northeast	13	25	171	111	6,835	53	282	7,490
North Iowa Area	17	59	166	146	4,446	38	122	4,994
Iowa Lakes	21	94	181	120	4,192	9	167	4,784
Northwest	8	17	11	61	2,313	27	97	2,534
Iowa Central	23	133	801	437	7,225	94	446	9,159
Iowa Valley	65	147	209	308	2,975	37	622	4,363
Hawkeye	32	143	997	202	8,366	50	1	9,791
Eastern Iowa	96	418	1,149	1,047	10,862	195	656	14,423
Kirkwood	105	589	1,186	417	12,270	14	11,641	26,222
Des Moines Area	197	1,214	3,187	1,729	28,493	649	2,630	38,099
Western Iowa Tech	210	186	271	797	6,072	0	1,266	8,802
Iowa Western	106	157	682	330	7,410	32	317	9,034
Southwestern	10	19	46	64	2,131	35	30	2,335
Indian Hills	64	75	181	171	6,771	13	831	8,106
Southeastern	31	75	224	188	4,305	56	125	5,004
<b>Total</b>	<b>998</b>	<b>3,351</b>	<b>9,462</b>	<b>6,128</b>	<b>114,666</b>	<b>1,302</b>	<b>19,233</b>	<b>155,140</b>

\*Reporting parameters for Race and Ethnicity have changed as of 2010.

In order to provide unduplicated counts, the following hierarchy was used:

1. Students of Hispanic origin are excluded from other categories.
2. Students who reported multiple race/ethnicity are grouped under "two or more races" category.
3. Only those students who reported one race and not Hispanic ethnicity are counted under reported race.

**3-16. RACE AND ETHNICITY OF CREDIT ENROLLMENT STUDENTS\***

**2010**

College	American Indian	Asian/Pacific Islander	Black	Hispanic	White	Two or more races	No Response	Total
Northeast	20	15	191	111	6,964	65	375	7,741
North Iowa Area	12	66	145	146	4,608	14	210	5,201
Iowa Lakes	16	59	112	109	4,313	2	163	4,774
Northwest	9	10	4	42	2,322	19	80	2,486
Iowa Central	28	157	594	406	7,137	80	255	8,657
Iowa Valley	58	49	240	291	3,038	22	762	4,460
Hawkeye	33	134	903	174	8,174	25	21	9,464
Eastern Iowa	95	277	943	798	10,453	74	812	13,452
Kirkwood	143	581	1,374	492	15,970	0	7,098	25,658
Des Moines Area	193	1,221	2,695	1,500	27,392	403	2,079	35,483
Western Iowa Tech	163	139	200	575	6,152	65	902	8,196
Iowa Western	59	70	532	234	6,675	54	473	8,097
Southwestern	12	21	34	53	2,046	12	33	2,211
Indian Hills	66	68	132	190	6,846	0	763	8,065
Southeastern	28	48	169	102	2,409	0	2,474	5,230
<b>Total</b>	<b>935</b>	<b>2,915</b>	<b>8,268</b>	<b>5,223</b>	<b>114,499</b>	<b>835</b>	<b>16,500</b>	<b>149,175</b>

\*Reporting parameters for Race and Ethnicity have changed as of 2010.

In order to provide unduplicated counts, the following hierarchy was used:

1. Students of Hispanic origin are excluded from other categories.
2. Students who reported multiple race/ethnicity are grouped under "two or more races" category.
3. Only those students who reported one race and not Hispanic ethnicity are counted under reported race.

**3-17. RACE AND ETHNICITY OF CREDIT ENROLLMENT STUDENTS**

**2009**

College	American					No	Total
	Indian	Asian	Black	Hispanic	White	Response	
Northeast	13	61	124	69	6,437	343	7,047
North Iowa Area	10	62	168	119	4,326	273	4,958
Iowa Lakes	11	41	105	66	3,982	117	4,322
Northwest	3	22	9	31	1,912	131	2,108
Iowa Central	14	116	435	363	6,828	405	8,161
Iowa Valley	70	66	222	295	3,120	403	4,176
Hawkeye	38	98	647	139	7,666	103	8,691
Eastern Iowa	107	197	709	683	9,095	818	11,609
Kirkwood	157	528	1,233	440	17,460	2,788	22,606
Des Moines Area	168	1,182	1,888	1,044	23,863	2,804	30,949
Western Iowa Tech	110	124	149	462	4,555	2,230	7,630
Iowa Western	27	105	359	166	6,070	572	7,299
Southwestern	13	24	46	43	1,899	12	2,037
Indian Hills	74	50	93	176	5,951	664	7,008
Southeastern	24	67	185	139	4,133	238	4,786
<b>Total</b>	<b>839</b>	<b>2,743</b>	<b>6,372</b>	<b>4,235</b>	<b>107,297</b>	<b>11,901</b>	<b>133,387</b>

**3-18. AGE OF CREDIT ENROLLMENT STUDENTS**

**2013**

<b>College</b>	<b>17 &amp; Under</b>	<b>18-22</b>	<b>23-26</b>	<b>27-30</b>	<b>31-39</b>	<b>40-55</b>	<b>Over 55</b>	<b>No Response</b>	<b>Total</b>
Northeast	1,248	3,732	735	414	566	412	64	3	7,174
North Iowa Area	462	2,430	385	253	367	299	48	3	4,247
Iowa Lakes	643	2,200	435	255	333	261	45	25	4,197
Northwest	414	1,540	234	114	181	94	13	8	2,598
Iowa Central	1,320	4,480	797	484	845	693	114	0	8,733
Iowa Valley	531	2,477	383	240	306	244	45	6	4,232
Hawkeye	1,103	4,954	1,232	586	672	520	64	1	9,132
Eastern Iowa	2,151	5,810	1,524	1,000	1,444	1,110	160	1	13,200
Kirkwood	2,473	11,306	3,329	1,843	2,461	1,747	249	14	23,422
Des Moines Area	8,020	15,894	3,980	2,367	3,142	2,526	411	25	36,365
Western Iowa Tech	1,462	3,786	1,035	639	863	649	103	4	8,541
Iowa Western	1,057	5,520	1,168	724	876	576	49	1	9,971
Southwestern	345	1,130	201	122	202	128	23	0	2,151
Indian Hills	865	3,135	777	567	802	632	107	61	6,946
Southeastern	527	2,142	517	360	501	373	55	4	4,479
<b>Total</b>	<b>22,621</b>	<b>70,536</b>	<b>16,732</b>	<b>9,968</b>	<b>13,561</b>	<b>10,264</b>	<b>1,550</b>	<b>156</b>	<b>145,388</b>
<b>% of Total</b>	<b>15.6%</b>	<b>48.5%</b>	<b>11.5%</b>	<b>6.9%</b>	<b>9.3%</b>	<b>7.1%</b>	<b>1.1%</b>	<b>0.1%</b>	<b>100.0%</b>

**3-19. AGE OF CREDIT ENROLLMENT STUDENTS**

**2012**

<b>College</b>	<b>17 &amp; Under</b>	<b>18-22</b>	<b>23-26</b>	<b>27-30</b>	<b>31-39</b>	<b>40-55</b>	<b>Over 55</b>	<b>No Response</b>	<b>Total</b>
Northeast	1,152	3,694	779	444	631	474	61	1	7,236
North Iowa Area	482	2,558	453	284	433	383	61	1	4,655
Iowa Lakes	665	2,339	429	287	385	299	50	20	4,474
Northwest	365	1,416	227	135	174	109	18	8	2,452
Iowa Central	1,247	4,510	771	523	839	772	139	12	8,813
Iowa Valley	497	2,447	417	242	358	273	41	4	4,279
Hawkeye	1,092	5,204	1,268	632	687	576	66	0	9,525
Eastern Iowa	2,061	6,309	1,775	1,270	1,689	1,238	162	0	14,504
Kirkwood	2,328	11,999	3,583	2,133	2,782	1,943	277	24	25,069
Des Moines Area	7,620	16,797	4,437	2,834	3,614	2,813	476	33	38,624
Western Iowa Tech	1,305	3,807	1,134	704	926	747	106	18	8,747
Iowa Western	994	5,324	1,145	682	940	580	52	8	9,725
Southwestern	342	1,150	213	161	226	174	20	0	2,286
Indian Hills	848	3,182	890	646	931	772	127	44	7,440
Southeastern	508	2,203	542	404	541	392	46	4	4,640
<b>Total</b>	<b>21,506</b>	<b>72,939</b>	<b>18,063</b>	<b>11,381</b>	<b>15,156</b>	<b>11,545</b>	<b>1,702</b>	<b>177</b>	<b>152,469</b>
<b>% of Total</b>	<b>14.1%</b>	<b>47.8%</b>	<b>11.8%</b>	<b>7.5%</b>	<b>9.9%</b>	<b>7.6%</b>	<b>1.1%</b>	<b>0.1%</b>	<b>100.0%</b>

**3-20. AGE OF CREDIT ENROLLMENT STUDENTS**

**2011**

College	17 &							No Response	Total
	Under	18-22	23-26	27-30	31-39	40-55	Over 55		
Northeast	1,094	3,824	794	482	651	559	71	15	7,490
North Iowa Area	592	2,683	463	303	489	410	45	9	4,994
Iowa Lakes	717	2,375	451	337	447	362	58	37	4,784
Northwest	344	1,471	216	145	178	131	24	25	2,534
Iowa Central	1,291	4,603	838	601	907	775	96	48	9,159
Iowa Valley	481	2,462	384	273	383	330	42	8	4,363
Hawkeye	1,049	5,304	1,291	688	774	620	65	0	9,791
Eastern Iowa	1,864	6,355	1,813	1,253	1,705	1,257	169	7	14,423
Kirkwood	2,337	12,681	3,677	2,270	2,857	2,130	254	16	26,222
Des Moines Area	7,297	16,747	4,275	2,866	3,486	2,930	447	51	38,099
Western Iowa Tech	1,196	3,754	1,111	694	1,036	874	123	14	8,802
Iowa Western	862	5,087	1,023	611	835	567	49	0	9,034
Southwestern	329	1,202	212	142	242	186	22	0	2,335
Indian Hills	819	3,448	965	703	994	932	163	82	8,106
Southeastern	495	2,329	599	435	592	497	54	3	5,004
<b>Total</b>	20,767	74,325	18,112	11,803	15,576	12,560	1,682	315	155,140
<b>% of Total</b>	13.4%	47.9%	11.7%	7.6%	10.0%	8.1%	1.1%	0.2%	100.0%

**3-21. AGE OF CREDIT ENROLLMENT STUDENTS**

**2010**

College	17 &							No Response	Total
	Under	18-22	23-26	27-30	31-39	40-55	Over 55		
Northeast	1,067	4,052	832	513	607	614	52	4	7,741
North Iowa Area	641	2,759	448	316	496	458	77	6	5,201
Iowa Lakes	711	2,435	418	320	434	364	51	41	4,774
Northwest	386	1,412	211	138	152	129	20	38	2,486
Iowa Central	1,240	4,588	783	537	760	636	76	37	8,657
Iowa Valley	509	2,415	375	272	363	401	106	19	4,460
Hawkeye	1,081	5,252	1,170	655	696	560	50	0	9,464
Eastern Iowa	1,680	5,979	1,666	1,177	1,548	1,261	135	6	13,452
Kirkwood	2,222	12,774	3,643	2,174	2,610	1,968	249	18	25,658
Des Moines Area	5,825	16,412	4,204	2,616	3,230	2,751	412	33	35,483
Western Iowa Tech	987	3,766	996	653	890	639	82	183	8,196
Iowa Western	767	4,609	941	535	710	493	42	0	8,097
Southwestern	330	1,100	189	155	213	190	34	0	2,211
Indian Hills	716	3,379	930	729	953	1,013	201	144	8,065
Southeastern	445	2,339	635	494	630	615	60	12	5,230
<b>Total</b>	18,607	73,271	17,441	11,284	14,292	12,092	1,647	541	149,175
<b>% of Total</b>	12.5%	49.1%	11.7%	7.6%	9.6%	8.1%	1.1%	0.4%	100.0%

**3-22. AGE OF CREDIT ENROLLMENT STUDENTS 2009**

<b>College</b>	<b>17 &amp; Under</b>	<b>18-22</b>	<b>23-26</b>	<b>27-30</b>	<b>31-39</b>	<b>40-55</b>	<b>Over 55</b>	<b>No Response</b>	<b>Total</b>
Northeast	1,050	3,836	676	416	503	515	46	5	7,047
North Iowa Area	566	2,837	394	276	395	418	54	18	4,958
Iowa Lakes	753	2,194	388	270	386	267	30	34	4,322
Northwest	280	1,224	190	108	129	106	21	50	2,108
Iowa Central	1,281	4,571	743	450	567	454	45	50	8,161
Iowa Valley	539	2,198	359	235	339	321	166	19	4,176
Hawkeye	1,009	5,039	1,046	525	587	442	43	0	8,691
Eastern Iowa	1,260	5,425	1,417	1,019	1,336	1,032	114	6	11,609
Kirkwood	1,899	12,007	3,204	1,775	2,015	1,494	177	35	22,606
Des Moines Area	4,859	15,085	3,777	2,144	2,615	2,177	261	31	30,949
Western Iowa Tech	1,037	3,470	906	554	739	579	89	256	7,630
Iowa Western	755	4,266	772	474	585	404	42	1	7,299
Southwestern	296	1,065	165	130	195	164	22	0	2,037
Indian Hills	534	3,106	792	573	819	813	186	185	7,008
Southeastern	398	2,279	592	415	544	491	42	25	4,786
<b>Total</b>	16,516	68,602	15,421	9,364	11,754	9,677	1,338	715	133,387
<b>% of Total</b>	12.4%	51.4%	11.6%	7.0%	8.8%	7.3%	1.0%	0.5%	100.0%

**3-23. GENDER OF CREDIT ENROLLMENT STUDENTS**

College	2009				2010				2011				2012				2013			
	M	%	F	%	M	%	F	%	M	%	F	%	M	%	F	%	M	%	F	%
Northeast	2,801	39.7%	4,246	60.3%	3,101	40.1%	4,640	59.9%	2,947	39.3%	4,543	60.7%	2,867	39.6%	4,369	60.4%	2,905	40.5%	4,269	59.5%
North Iowa Area	2,257	45.5%	2,701	54.5%	2,336	44.9%	2,865	55.1%	2,195	44.0%	2,799	56.0%	1,999	42.9%	2,656	57.1%	1,809	42.6%	2,438	57.4%
Iowa Lakes	1,853	43.2%	2,437	56.8%	2,080	44.0%	2,646	56.0%	2,161	45.2%	2,620	54.8%	1,984	44.4%	2,483	55.6%	1,876	44.7%	2,320	55.3%
Northwest	957	45.4%	1,150	54.6%	1,112	44.7%	1,374	55.3%	1,109	43.8%	1,425	56.2%	1,089	44.4%	1,363	55.6%	1,073	41.3%	1,525	58.7%
Iowa Central	3,911	48.0%	4,245	52.0%	4,216	48.7%	4,441	51.3%	4,328	47.3%	4,829	52.7%	4,199	47.6%	4,614	52.4%	4,137	47.4%	4,596	52.6%
Iowa Valley	1,757	42.1%	2,419	57.9%	1,963	44.0%	2,496	56.0%	1,884	43.2%	2,473	56.8%	1,807	42.3%	2,467	57.7%	1,772	41.9%	2,454	58.1%
Hawkeye	3,892	44.8%	4,798	55.2%	4,294	45.4%	5,170	54.6%	4,321	44.1%	5,470	55.9%	4,161	43.7%	5,364	56.3%	3,956	43.3%	5,176	56.7%
Eastern Iowa	4,857	41.8%	6,752	58.2%	5,776	42.9%	7,676	57.1%	6,085	42.2%	8,338	57.8%	6,224	42.9%	8,280	57.1%	5,706	43.2%	7,494	56.8%
Kirkwood	10,521	46.6%	12,060	53.4%	12,047	47.1%	13,523	52.9%	12,243	46.7%	13,978	53.3%	11,670	46.6%	13,399	53.4%	11,148	47.6%	12,274	52.4%
Des Moines Area	13,642	44.1%	17,307	55.9%	16,009	45.1%	19,474	54.9%	17,443	45.8%	20,656	54.2%	17,696	45.8%	20,928	54.2%	16,938	46.6%	19,427	53.4%
Western Iowa Tech	3,153	41.6%	4,418	58.4%	3,368	41.7%	4,700	58.3%	3,620	41.2%	5,177	58.8%	3,594	41.1%	5,153	58.9%	3,576	41.9%	4,965	58.1%
Iowa Western	3,118	42.7%	4,181	57.3%	3,546	43.8%	4,551	56.2%	3,881	43.0%	5,153	57.0%	4,162	42.8%	5,560	57.2%	4,412	44.2%	5,559	55.8%
Southwestern	754	37.0%	1,283	63.0%	793	35.9%	1,418	64.1%	909	38.9%	1,426	61.1%	836	36.6%	1,450	63.4%	809	37.6%	1,342	62.4%
Indian Hills	2,703	40.2%	4,025	59.8%	3,284	42.9%	4,375	57.1%	3,230	41.5%	4,551	58.5%	2,947	41.0%	4,240	59.0%	2,854	41.7%	3,982	58.3%
Southeastern	1,715	35.8%	3,070	64.2%	2,010	38.4%	3,220	61.6%	1,971	39.4%	3,033	60.6%	1,738	37.5%	2,902	62.5%	1,735	38.7%	2,744	61.3%
Total	57,891	43.5%	75,092	53.2%	65,935	44.4%	82,569	54.7%	68,327	44.1%	86,471	56.4%	66,973	44.0%	85,228	56.8%	64,706	44.5%	80,565	100.0%

Note: Unknown students were omitted from the chart. In fiscal year 2009: 404 (0.3%); fiscal year 2010: 671 (0.5%); 2011: 342 (0.2%); fiscal year 2012: 268 (0.2%); fiscal year 2013: 117 (0.1%).

**3-24. RESIDENCY OF CREDIT ENROLLMENT STUDENTS\* 2013**

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
Northeast	6,451	89.9%	712	9.9%	11	0.2%	7,174
North Iowa Area	3,938	84.6%	267	5.7%	42	0.9%	4,655
Iowa Lakes	3,579	85.3%	601	14.3%	17	0.4%	4,197
Northwest	2,241	91.4%	350	14.3%	7	0.3%	2,452
Iowa Central	7,212	82.3%	1,468	16.7%	88	1.0%	8,768
Iowa Valley	3,628	84.8%	315	7.4%	285	6.7%	4,279
Hawkeye	8,888	97.3%	227	2.5%	17	0.2%	9,132
Eastern Iowa	11,547	79.6%	1,583	10.9%	66	0.5%	14,504
Kirkwood	21,344	91.1%	1,374	5.9%	704	3.0%	23,422
Des Moines Area	35,562	91.9%	515	1.3%	360	0.9%	38,697
Western Iowa Tech	7,346	86.0%	1,177	13.8%	18	0.2%	8,541
Iowa Western	7,282	74.9%	2,590	26.6%	104	1.1%	9,728
Southwestern	1,978	92.0%	157	7.3%	16	0.7%	2,151
Indian Hills	6,489	87.2%	405	5.4%	52	0.7%	7,440
Southeastern	3,733	83.3%	723	16.1%	23	0.5%	4,479
<b>Total</b>	<b>131,218</b>	<b>90.2%</b>	<b>12,464</b>	<b>8.6%</b>	<b>1,810</b>	<b>1.2%</b>	<b>145,492</b>

Note: In 2013, Eastern Iowa CC reported 4 students and Iowa Valley CCD reported 4 students with unknown residency. \*Percent of Row Total" denotes the proportion of students in each resident category for each college. Totals may exceed the number of students since some students change residency status in the course of the Fiscal Year. Totals do not include unknown residency.

**3-25. RESIDENCY OF CREDIT ENROLLMENT STUDENTS\* 2012**

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
Northeast	6,556	90.6%	674	9.3%	6	0.1%	7,236
North Iowa Area	4,352	93.5%	273	5.9%	30	0.6%	4,655
Iowa Lakes	3,819	85.4%	635	14.2%	20	0.4%	4,474
Northwest	2,164	88.3%	282	11.5%	6	0.2%	2,452
Iowa Central	7,617	86.1%	1,148	13.0%	82	0.9%	8,847
Iowa Valley	3,718	86.9%	293	6.8%	265	6.2%	4,279
Hawkeye	9,351	98.2%	146	1.5%	28	0.3%	9,525
Eastern Iowa	12,710	87.6%	1,706	11.8%	82	0.6%	14,504
Kirkwood	23,132	92.3%	1,401	5.6%	536	2.1%	25,069
Des Moines Area	37,533	97.0%	807	2.1%	357	0.9%	38,697
Western Iowa Tech	7,486	85.6%	1,246	14.2%	15	0.2%	8,747
Iowa Western	7,113	73.1%	2,488	25.6%	127	1.3%	9,728
Southwestern	2,141	93.7%	133	5.8%	12	0.5%	2,286
Indian Hills	7,015	94.3%	383	5.1%	42	0.6%	7,440
Southeastern	3,822	82.4%	783	16.9%	35	0.8%	4,640
<b>Total</b>	<b>138,529</b>	<b>90.8%</b>	<b>12,398</b>	<b>8.1%</b>	<b>1,643</b>	<b>1.1%</b>	<b>152,570</b>

Note: In 2012, Eastern Iowa CC reported 6 students and Iowa Valley CCD reported 3 students with unknown residency. \*Percent of Row Total" denotes the proportion of students in each resident category for each college. Totals may exceed the number of students since some students change residency status in the course of the Fiscal Year. Totals do not include unknown residency.

**3-26. RESIDENCY OF CREDIT ENROLLMENT STUDENTS\* 2011**

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
Northeast	6,767	90.3%	715	9.5%	8	0.1%	7,490
North Iowa Area	4,714	94.4%	239	4.8%	41	0.8%	4,994
Iowa Lakes	4,100	85.7%	651	13.6%	33	0.7%	4,784
Northwest	2,297	90.6%	236	9.3%	1	0.0%	2,534
Iowa Central	7,857	85.6%	1,228	13.4%	94	1.0%	9,179
Iowa Valley	3,874	88.8%	277	6.3%	212	4.9%	4,363
Hawkeye	9,612	98.2%	119	1.2%	60	0.6%	9,791
Eastern Iowa	12,649	87.7%	1,693	11.7%	81	0.6%	14,423
Kirkwood	24,569	93.7%	1,264	4.8%	389	1.5%	26,222
Des Moines Area	37,091	97.2%	692	1.8%	388	1.0%	38,171
Western Iowa Tech	7,523	85.5%	1,267	14.4%	12	0.1%	8,802
Iowa Western	6,695	74.1%	2,174	24.1%	166	1.8%	9,035
Southwestern	2,189	93.7%	139	6.0%	7	0.3%	2,335
Indian Hills	7,645	94.3%	408	5.0%	53	0.7%	8,106
Southeastern	4,178	83.5%	796	15.9%	30	0.6%	5,004
<b>Total</b>	<b>141,760</b>	<b>91.3%</b>	<b>11,898</b>	<b>7.7%</b>	<b>1,575</b>	<b>1.0%</b>	<b>155,233</b>

Note: In 2011, there were no students with unknown residency reported. \*Percent of Row Total" denotes the proportion of students in each resident category for each college. Totals may exceed the number of students since some students change residency status in the course of the Fiscal Year. Totals do not include unknown residency.

**3-27. RESIDENCY OF CREDIT ENROLLMENT STUDENTS\* 2010**

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
Northeast	7,000	90.4%	726	9.4%	15	0.2%	7,741
North Iowa Area	4,939	95.0%	225	4.3%	37	0.7%	5,201
Iowa Lakes	4,164	87.2%	586	12.3%	24	0.5%	4,774
Northwest	2,323	93.4%	163	6.6%	0	0.0%	2,486
Iowa Central	7,615	87.7%	959	11.0%	106	1.2%	8,680
Iowa Valley	4,048	90.8%	266	6.0%	145	3.3%	4,459
Hawkeye	9,305	98.3%	87	0.9%	72	0.8%	9,464
Eastern Iowa	12,027	89.4%	1,345	10.0%	80	0.6%	13,452
Kirkwood	24,109	94.0%	1,190	4.6%	358	1.4%	25,657
Des Moines Area	34,687	97.6%	482	1.4%	360	1.0%	35,529
Western Iowa Tech	7,122	86.9%	1,074	13.1%	0	0.0%	8,196
Iowa Western	6,193	76.4%	1,764	21.8%	144	1.8%	8,101
Southwestern	2,092	94.6%	111	5.0%	8	0.4%	2,211
Indian Hills	7,642	94.8%	382	4.7%	41	0.5%	8,065
Southeastern	4,394	84.0%	803	15.4%	33	0.6%	5,230
<b>Total</b>	<b>137,660</b>	<b>92.2%</b>	<b>10,163</b>	<b>6.8%</b>	<b>1,423</b>	<b>1.0%</b>	<b>149,246</b>

Note: In 2010, Iowa Valley reported 9 students with an unknown residency, Eastern Iowa reported seven students without a residency, and Kirkwood reported four students. \*Percent of Row Total" denotes the proportion of students in each resident category for each college. Totals may exceed the number of students since some students change residency status in the course of the Fiscal Year. Totals do not include unknown residency.

**3-28. RESIDENCY OF CREDIT ENROLLMENT STUDENTS\* 2009**

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
Northeast	6,443	91.4%	590	8.4%	14	0.2%	7,047
North Iowa Area	4,621	93.2%	303	6.1%	34	0.7%	4,958
Iowa Lakes	4,322	100.0%	0	0.0%	0	0.0%	4,322
Northwest	1,955	92.7%	153	7.3%	0	0.0%	2,108
Iowa Central	7,301	89.3%	786	9.6%	90	1.1%	8,177
Iowa Valley	3,850	92.4%	205	4.9%	112	2.7%	4,167
Hawkeye	8,576	98.7%	72	0.8%	43	0.5%	8,691
Eastern Iowa	10,341	89.1%	1,168	10.1%	93	0.8%	11,602
Kirkwood	21,621	95.7%	644	2.8%	337	1.5%	22,602
Des Moines Area	30,209	97.4%	482	1.6%	316	1.0%	31,007
Western Iowa Tech	6,696	87.8%	934	12.2%	0	0.0%	7,630
Iowa Western	5,751	78.7%	1,401	19.2%	151	2.1%	7,303
Southwestern	1,897	93.1%	122	6.0%	18	0.9%	2,037
Indian Hills	6,596	94.1%	381	5.4%	31	0.4%	7,008
Southeastern	4,004	83.7%	746	15.6%	36	0.8%	4,786
<b>Total</b>	<b>124,183</b>	<b>93.1%</b>	<b>7,987</b>	<b>6.0%</b>	<b>1,275</b>	<b>1.0%</b>	<b>133,445</b>

Note: In 2009, Iowa Valley reported 9 students with an unknown residency, Eastern Iowa reported seven students without a residency, and Kirkwood reported four students. \*Percent of Row Total" denotes the proportion of students in each resident category for each college. Totals may exceed the number of students since some students change residency status in the course of the Fiscal Year. Totals do not include unknown residency.

**3-29. ENROLLMENT IN DEVELOPMENTAL EDUCATION\***

**2013**

<b>College</b>	<b>Students</b>	<b>Credit Hours</b>	<b>Male</b>	<b>Percent</b>	<b>Female</b>	<b>Percent</b>
Northeast	1,325	6,289	530	40.0%	795	60.0%
North Iowa Area	1,030	3,648	444	43.1%	586	56.9%
Iowa Lakes	1,014	1,677	488	48.1%	526	51.9%
Northwest	5	15	1	20.0%	4	80.0%
Iowa Central	1,665	10,012	710	42.6%	955	57.4%
Iowa Valley	871	4,076	418	48.0%	452	52.0%
Hawkeye	1,454	8,440	613	42.2%	841	57.8%
Eastern Iowa	2,203	12,516	830	37.7%	1,373	62.3%
Kirkwood	3,868	20,409	1,759	45.5%	2,109	54.5%
Des Moines Area	3,170	18,224	1,286	40.6%	1,884	59.4%
Western Iowa Tech	1,069	5,654	334	31.2%	735	68.8%
Iowa Western	2,612	13,546	1,177	45.1%	1,435	54.9%
Southwestern	161	617	63	39.1%	98	60.9%
Indian Hills	521	1,673	166	31.9%	355	68.1%
Southeastern	910	3,028	338	37.1%	572	62.9%
<b>Total</b>	<b>21,878</b>	<b>109,824</b>	<b>9,157</b>	<b>41.9%</b>	<b>12,720</b>	<b>58.1%</b>

Note: Totals include students with unknown gender. In 2013, IVCCD reported 1 student of unknown gender. \*A student is counted if he or she took at least one developmental course during reporting year. Male and Female total does not include one students with unknown gender.

**3-30. ENROLLMENT IN DEVELOPMENTAL EDUCATION\***

**2012**

<b>College</b>	<b>Students</b>	<b>Credit Hours</b>	<b>Male</b>	<b>Percent</b>	<b>Female</b>	<b>Percent</b>
Northeast	1,454	6,879	570	39.2%	884	60.8%
North Iowa Area	982	4,280	442	45.0%	540	55.0%
Iowa Lakes	1,218	1,950	626	51.4%	592	48.6%
Northwest	5	10	3	60.0%	2	40.0%
Iowa Central	1,644	9,204	707	43.0%	937	57.0%
Iowa Valley	872	3,921	378	43.4%	493	56.6%
Hawkeye	1,688	9,999	712	42.2%	976	57.8%
Eastern Iowa	2,685	14,762	1,045	38.9%	1,640	61.1%
Kirkwood	4,242	22,313	1,908	45.0%	2,334	55.0%
Des Moines Area	3,979	22,763	1,676	42.1%	2,303	57.9%
Western Iowa Tech	1,197	5,987	407	34.0%	790	66.0%
Iowa Western	2,499	13,576	1,154	46.2%	1,345	53.8%
Southwestern	198	775	66	33.3%	132	66.7%
Indian Hills	514	1,554	171	33.3%	343	66.7%
Southeastern	955	3,347	344	36.0%	611	64.0%
<b>Total</b>	<b>24,132</b>	<b>121,320</b>	<b>10,209</b>	<b>42.3%</b>	<b>13,922</b>	<b>57.7%</b>

Note: Totals include students with unknown gender. In 2012, IVCCD reported 1 student of unknown gender. \*A student is counted if he or she took at least one developmental course during reporting year. Male and Female total does not include one students with unknown gender.

**3-31. RACE/ETHNICITY OF DEVELOPMENTAL EDUCATION STUDENTS\***

**2013**

College	American		Asian/Pacific			Two or more races	No Response	Total
	Indian	Islander	Black	Hispanic	White			
Northeast	4	12	81	30	1,146	10	42	1,325
North Iowa Area	2	13	77	74	839	23	2	1,030
Iowa Lakes	7	9	57	64	835	2	40	1,014
Northwest	0	0	0	0	4	1	0	5
Iowa Central	9	19	422	124	992	19	80	1,665
Iowa Valley	29	10	137	113	479	9	94	871
Hawkeye	9	7	314	64	1,027	33	0	1,454
Eastern Iowa	21	35	363	244	1,435	39	66	2,203
Kirkwood	32	102	918	189	2,207	95	325	3,868
Des Moines Area	19	115	647	287	1,866	116	120	3,170
Western Iowa Tech	42	52	62	169	642	25	77	1,069
Iowa Western	52	49	438	227	1,785	6	55	2,612
Southwestern	2	0	6	16	133	3	1	161
Indian Hills	2	6	45	37	402	9	20	521
Southeastern	7	7	50	35	769	22	20	910
<b>Total</b>	<b>237</b>	<b>436</b>	<b>3,617</b>	<b>1,673</b>	<b>14,561</b>	<b>412</b>	<b>942</b>	<b>21,878</b>

\*A student is counted if he or she took at least one developmental course during reporting year.

**3-32. RACE/ETHNICITY OF DEVELOPMENTAL EDUCATION STUDENTS\***

**2012**

College	American		Asian/Pacific			Two or more races	No Response	Total
	Indian	Islander	Black	Hispanic	White			
Northeast	5	7	79	33	1,259	16	55	1,454
North Iowa Area	3	11	66	63	811	28	0	982
Iowa Lakes	6	21	51	84	1,009	2	45	1,218
Northwest	0	0	0	0	5	0	0	5
Iowa Central	2	30	373	112	1,063	24	40	1,644
Iowa Valley	23	12	115	111	494	13	104	872
Hawkeye	13	13	388	61	1,185	28	0	1,688
Eastern Iowa	18	39	534	261	1,688	65	80	2,685
Kirkwood	27	88	498	92	1,408	21	2,108	4,242
Des Moines Area	33	155	964	292	2,237	126	172	3,979
Western Iowa Tech	37	43	71	198	739	33	76	1,197
Iowa Western	49	56	447	160	1,718	2	67	2,499
Southwestern	2	0	7	10	170	5	4	198
Indian Hills	3	8	32	28	395	3	45	514
Southeastern	9	24	82	61	741	25	13	955
<b>Total</b>	<b>230</b>	<b>507</b>	<b>3,707</b>	<b>1,566</b>	<b>14,922</b>	<b>391</b>	<b>2,809</b>	<b>24,132</b>

\*A student is counted if he or she took at least one developmental course during reporting year.

**3-33. MOST POPULAR DEVELOPMENTAL COURSES****2013**

<b>Course Number</b>	<b>Course Title</b>	<b>Enrollment</b>
MAT-063	Elementary Algebra	4,418
MAT-078	College Prep Math I	1,722
MAT-052	Pre-Algebra	1,697
MAT-062	Elementary Algebra	1,574
MAT-053	Prealgebra	1,295
MAT-076	Preparation for College Mathematics	1,286
ENG-013	Basic Writing	1,254
ENG-061	College Preparatory Writing II	1,228
MAT-041	Basic Math	1,115
ENG-060	College Preparatory Writing I	1,042
MAT-073	Elementary Algebra II	937
MAT-086	College Prep Math II	854
SDV-090	College 101	762
RDG-039	College Preparatory Reading II	715
ENG-095	Elements of Writing	692
ENG-021	Foundations of Writing	570
RDG-038	College Preparatory Reading I	556
MAT-045	Fundamentals of Math	441
ENG-067	Comp I Lab	428
MAT-040	Basic Mathematics	415

**3-34. MOST POPULAR DEVELOPMENTAL COURSES****2012**

<b>Course Number</b>	<b>Course Title</b>	<b>Enrollment</b>
MAT-063	Elementary Algebra	5,324
MAT-062	Elementary Algebra	2,633
MAT-052	Pre-Algebra	2,122
MAT-053	Pre-Algebra	1,461
MAT-041	Basic Math	1,443
MAT-075	College Preparatory Math	1,439
ENG-061	College Preparatory Writing II	1,394
ENG-013	Basic Writing	1,382
ENG-060	College Preparatory Writing I	1,306
MAT-073	Elementary Algebra II	1,052
RDG-039	College Preparatory Reading II	939
MAT-078	College Prep Math I	888
SDV-090	College 101	887
ENG-095	Elements of Writing	671
MAT-034	Arithmetic	636
MAT-086	College Prep Math II	617
RDG-038	College Preparatory Reading I	594
MAT-076	Preparation for College Mathematics	569
ENG-021	Foundations of Writing	560
MAT-045	Fundamentals of Math	544

**3-35. AGE OF DEVELOPMENTAL EDUCATION STUDENTS 2013**

College	17 &							No Response	Total
	Under	18-22	23-26	27-30	31-39	40-55	Over 55		
Northeast	59	760	162	109	149	78	8	0	1,325
North Iowa Area	0	698	92	69	103	61	7	0	1,030
Iowa Lakes	30	664	103	58	74	62	8	15	1,014
Northwest	0	2	2	1	0	0	0	0	5
Iowa Central	4	988	197	129	177	145	25	0	1,665
Iowa Valley	2	565	84	70	75	64	11	0	871
Hawkeye	4	865	203	121	138	108	15	0	1,454
Eastern Iowa	8	1,100	348	211	326	189	21	0	2,203
Kirkwood	9	1,836	544	399	581	438	59	2	3,868
Des Moines Area	44	1,406	461	341	451	412	55	0	3,170
Western Iowa Tech	6	546	176	97	144	87	13	0	1,069
Iowa Western	14	1,644	314	197	276	160	7	0	2,612
Southwestern	0	102	19	9	22	8	1	0	161
Indian Hills	1	232	63	65	88	64	8	0	521
Southeastern	124	396	112	69	127	68	14	0	910
<b>Total</b>	305	11,804	2,880	1,945	2,731	1,944	252	17	21,878
<b>% of Total</b>	1.4%	54.0%	13.2%	8.9%	12.5%	8.9%	1.2%	0.1%	100.00%

**3-36. AGE OF DEVELOPMENTAL EDUCATION STUDENTS 2012**

College	17 &							No Response	Total
	Under	18-22	23-26	27-30	31-39	40-55	Over 55		
Northeast	64	771	186	134	169	117	13	0	1,454
North Iowa Area	2	668	96	69	83	62	2	0	982
Iowa Lakes	88	791	108	74	76	64	9	8	1,218
Northwest	0	3	0	1	0	1	0	0	5
Iowa Central	1	899	170	121	213	205	33	2	1,644
Iowa Valley	2	540	96	59	85	77	12	1	872
Hawkeye	11	957	260	151	169	126	14	0	1,688
Eastern Iowa	11	1,252	435	321	391	252	23	0	2,685
Kirkwood	18	1,992	657	413	636	472	52	2	4,242
Des Moines Area	37	1,670	590	448	628	526	77	3	3,979
Western Iowa Tech	3	560	207	126	197	92	12	0	1,197
Iowa Western	8	1,605	283	171	262	161	9	0	2,499
Southwestern	0	101	25	16	31	22	3	0	198
Indian Hills	2	168	80	80	95	77	11	1	514
Southeastern	47	547	107	73	96	71	12	2	955
<b>Total</b>	294	12,524	3,300	2,257	3,131	2,325	282	19	24,132
<b>% of Total</b>	1.3%	57.2%	15.1%	10.3%	14.3%	10.6%	1.3%	0.1%	100.00%



# 4

## **TABLES, ONLINE CREDIT ENROLLMENT AND DEMOGRAPHICS**

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**Table 4-1: Online Enrollment by College**

College	2013	2012	2011	2010	2009	5-year change (%)
Northeast	3,189	3,269	3,206	3,763	2,165	47.30
North Iowa Area	2,462	2,577	2,540	2,637	2,280	7.98
Iowa Lakes	1,905	1,930	2,068	1,806	1,555	22.51
Northwest Iowa	1,625	1,381	1,256	1,068	867	87.43
Iowa Central	4,157	4,140	4,302	3,818	3,397	22.37
Iowa Valley	2,455	2,331	2,275	2,000	1,723	42.48
Hawkeye	3,452	3,030	2,773	2,421	2,145	60.93
Eastern Iowa	5,752	6,357	6,411	5,268	4,428	29.90
Kirkwood	6,880	7,191	7,265	6,952	5,706	20.57
Des Moines Area	10,793	11,183	10,535	9,919	7,991	35.06
Western Iowa Tech	4,031	4,369	4,243	3,697	3,190	26.36
Iowa Western	4,889	4,777	3,960	3,140	2,104	132.37
Southwestern	1,313	1,341	1,488	1,269	1,088	20.68
Indian Hills	3,128	3,351	3,417	2,888	2,362	32.43
Southeastern	2,100	2,132	2,154	2,054	1,693	24.04
Total	58,131	59,359	57,893	52,700	42,694	36.16

**Table 4-2: Online Credit Hours by College**

College	2013	2012	2011	2010	2009	5-year change (%)
Northeast	23,469	23,789	23,985	26,402	12,780	83.64
North Iowa Area	12,644	12,951	11,248	10,369	8,003	57.99
Iowa Lakes	14,011	14,376	15,828	13,424	10,983	27.57
Northwest Iowa	11,347	9,207	8,574	7,512	5,265	115.52
Iowa Central	34,018	31,509	33,188	28,381	24,294	40.03
Iowa Valley	17,155	16,312	16,088	13,708	11,464	49.64
Hawkeye	19,162	16,553	15,035	12,819	11,033	73.68
Eastern Iowa	43,908	49,873	49,837	41,318	32,571	34.81
Kirkwood	49,407	53,328	51,818	45,762	33,954	45.51
Des Moines Area	73,162	78,252	74,203	69,047	53,913	35.70
Western Iowa Tech	30,190	33,543	33,530	28,569	23,471	28.63
Iowa Western	36,214	35,144	28,863	22,689	14,976	141.81
Southwestern	9,563	9,694	10,899	8,625	6,797	40.69
Indian Hills	23,967	25,387	24,538	20,230	15,499	54.64
Southeastern	15,928	16,059	15,830	14,838	11,594	37.38
Total	414,145	425,977	413,464	363,693	276,597	49.73

**Table 4-3: Online Enrollment by Program Type**

Career Cluster	2013	2012	2011	2010	2009	5-year change (%)
Agriculture, Food, and Natural Resources	816	754	741	695	555	47.03
Architecture and Construction	402	445	436	534	343	17.20
Arts, A/V Technology and Communications	375	431	456	446	368	1.90
Business, Management, and Administration	3,617	3,949	4,061	3,691	3,031	19.33
Education and Training	148	145	140	121	114	29.82
Finance	32	39	53	57	59	-45.76
Government and Public Administration	0	0	0	0	157	-100.00
Health Science	8,289	8,822	9,497	8,615	6,495	27.62
Hospitality and Tourism	224	276	271	201	166	34.94
Human Services	1,428	1,458	1,388	1,083	650	119.69
Information Technology	1,136	1,211	1,225	1,198	989	14.86
Law, Public Safety, and Security	1,147	1,326	1,345	1,222	1,157	-0.86
Manufacturing	675	612	613	502	398	69.60
Marketing, Sales, and Service	335	329	334	544	374	-10.43
STEM	82	191	186	152	121	-32.23
Transportation, Distribution, and Logistics	349	384	322	293	214	63.08
Total	18,239	19,618	20,327	18,659	14,636	24.62

**Table 4-4: Numbers of Students by Age Range****FY 2013**

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Mean	Median
Northeast Iowa	200	1,550	463	264	379	284	47	2	25.6	22
North Iowa Area	141	1,535	214	144	224	177	26	1	24.0	20
Iowa Lakes	124	947	281	155	213	156	28	1	25.3	21
Northwest	216	1,007	145	74	120	52	7	4	22.1	20
Iowa Central	454	1,748	516	336	592	458	53	0	26.1	22
Iowa Valley	209	1,415	260	157	215	170	27	2	24.0	20
Hawkeye	118	2,078	539	240	274	191	12	0	23.9	21
Eastern Iowa	211	2,528	887	590	865	604	67	0	26.7	23
Kirkwood	158	3,052	1,186	742	1,017	649	76	0	26.6	23
Des Moines Area	554	4,878	1,690	1,108	1,433	1,009	118	3	26.1	22
Western Iowa Tech	381	1,761	576	372	521	380	38	2	25.5	22
Iowa Western	81	2,510	754	508	614	396	25	1	25.5	22
Southwestern	195	642	145	86	145	87	13	0	24.0	20
Indian Hills	126	1,427	442	327	449	322	30	5	26.4	23
Southeastern	234	1,016	251	173	235	164	23	4	24.7	21
Total	3,402	28,094	8,349	5,276	7,296	5,099	590	25	25.1	22

**Table 4-5: Numbers of Students by Age Range****FY 2012**

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Mean	Median
Northeast Iowa	238	1,494	466	283	426	317	45	0	25.9	22
North Iowa Area	110	1,557	252	152	260	216	30	0	24.6	20
Iowa Lakes	121	913	246	195	261	165	28	1	25.8	22
Northwest	145	815	147	89	107	62	11	5	23.0	20
Iowa Central	424	1,872	449	306	561	466	61	1	26.0	21
Iowa Valley	141	1,326	276	159	232	175	21	1	24.5	21
Hawkeye	60	1,863	482	208	237	165	15	0	23.9	21
Eastern Iowa	220	2,671	1,003	727	981	683	72	0	27.0	23
Kirkwood	169	2,963	1,247	912	1,147	681	71	1	26.9	24
Des Moines Area	403	4,728	1,924	1,278	1,625	1,073	149	3	26.7	23
Western Iowa Tech	323	1,886	665	432	581	425	50	7	25.9	22
Iowa Western	81	2,426	766	448	644	382	27	3	25.6	22
Southwestern	188	617	133	105	166	123	9	0	24.9	21
Indian Hills	105	1,422	512	366	495	403	42	6	27.2	23
Southeastern	184	975	288	194	274	197	19	1	25.5	22
Total	2,912	27,528	8,856	5,854	7,997	5,533	650	29	25.6	22

**Table 4-6: Numbers of Students by Age Range****FY 2011**

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Mean	Median
Northeast Iowa	185	1,506	447	291	387	339	43	8	26.1	22
North Iowa Area	108	1,500	257	155	281	218	20	1	24.7	20
Iowa Lakes	183	924	257	207	262	203	27	5	25.9	22
Northwest	81	697	138	103	117	95	14	11	24.5	21
Iowa Central	401	1,873	480	387	606	486	47	22	26.1	22
Iowa Valley	124	1,263	232	168	263	208	14	3	25.1	21
Hawkeye	60	1,638	420	223	256	164	12	0	24.3	21
Eastern Iowa	213	2,799	1,014	697	963	660	65	0	26.7	23
Kirkwood	133	2,994	1,245	924	1,150	755	63	1	27.1	24
Des Moines Area	337	4,501	1,808	1,260	1,512	1,014	100	3	26.6	23
Western Iowa Tech	264	1,773	667	429	623	437	46	4	26.4	23
Iowa Western	82	2,012	604	393	512	333	24	0	25.7	22
Southwestern	169	735	143	105	183	139	14	0	25.1	21
Indian Hills	109	1,428	475	387	546	427	41	4	27.4	24
Southeastern	160	937	294	231	288	222	20	2	26.1	22
Total	2,609	26,580	8,481	5,960	7,949	5,700	550	64	25.9	22

**Table 4-7: Numbers of Students by Age Range****FY 2010**

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Mean	Median
Northeast Iowa	236	1,833	518	332	394	414	35	1	25.7	22
North Iowa Area	102	1,591	251	186	260	219	28	0	24.7	20
Iowa Lakes	125	817	218	198	236	187	20	5	26.2	22
Northwest	36	604	147	87	95	80	12	7	24.7	21
Iowa Central	303	1,777	442	354	501	395	33	13	25.8	21
Iowa Valley	100	1,080	229	151	217	204	19	0	25.4	21
Hawkeye	34	1,513	370	184	204	101	15	0	23.9	21
Eastern Iowa	125	2,282	849	592	787	586	45	2	26.9	23
Kirkwood	149	2,934	1,233	843	1,081	650	61	1	26.8	24
Des Moines Area	256	4,459	1,754	1,073	1,376	924	73	4	26.3	23
Western Iowa Tech	225	1,605	577	368	534	341	37	10	26.1	23
Iowa Western	40	1,598	504	316	398	269	15	0	25.7	22
Southwestern	173	590	123	98	145	122	18	0	25.1	20
Indian Hills	51	1,147	446	353	447	390	48	6	28.0	24
Southeastern	131	900	272	210	283	240	15	3	26.5	22
Total	2,086	24,730	7,933	5,345	6,958	5,122	474	52	25.8	22

**Table 4-8: Numbers of Students by Age Range****FY 2009**

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Mean	Median
Northeast Iowa	76	1,045	329	195	259	242	18	1	26.3	22
North Iowa Area	67	1,536	196	134	178	160	8	1	23.6	20
Iowa Lakes	132	710	187	151	222	133	13	7	25.4	22
Northwest	41	513	102	62	71	54	10	14	24.1	21
Iowa Central	306	1,724	395	284	375	282	21	10	24.7	21
Iowa Valley	72	960	193	129	191	157	17	4	25.2	21
Hawkeye	64	1,377	304	148	153	93	6	0	23.3	21
Eastern Iowa	94	1,981	658	496	662	501	34	2	26.9	23
Kirkwood	122	2,794	984	615	703	462	24	2	25.6	22
Des Moines Area	132	3,800	1,501	861	1,012	631	51	3	25.9	23
Western Iowa Tech	167	1,395	495	316	453	300	36	28	26.2	23
Iowa Western	2	1,059	343	241	295	153	11	0	25.8	22
Southwestern	132	556	93	75	130	91	11	0	24.5	20
Indian Hills	52	1,079	341	227	348	288	22	5	26.9	23
Southeastern	104	793	219	169	222	171	8	7	25.8	22
Total	1,563	21,322	6,340	4,103	5,274	3,718	290	84	25.4	22

**Table 4-9: OL Enrollment by Sex** **FY 2013**

College	Total	Male (%)	Female (%)	Not Reported (%)
Northeast Iowa	3,189	28.4	71.6	0.0
North Iowa Area	2,462	41.5	58.5	0.0
Iowa Lakes	1,905	33.5	66.5	0.0
Northwest	1,625	33.0	67.0	0.0
Iowa Central	4,157	35.0	65.0	0.0
Iowa Valley	2,455	36.3	63.6	0.1
Hawkeye	3,452	31.0	69.0	0.0
Eastern Iowa	5,752	32.4	67.6	0.0
Kirkwood	6,880	34.3	65.7	0.0
Des Moines Area	10,793	35.5	64.5	0.0
Western Iowa Tech	4,031	30.2	69.8	0.0
Iowa Western	4,889	38.2	61.8	0.0
Southwestern	1,313	30.8	69.2	0.0
Indian Hills	3,128	30.8	69.1	0.2
Southeastern	2,100	38.4	61.6	0.0
Total	58,131	34.1	65.9	0.0

**Table 4-10: OL Enrollment by Sex** **FY 2012**

College	Total	Male (%)	Female (%)	Not Reported (%)
Northeast Iowa	3,269	28.3	71.7	0.0
North Iowa Area	2,577	43.1	56.9	0.0
Iowa Lakes	1,930	29.6	70.4	0.0
Northwest	1,381	34.2	65.8	0.0
Iowa Central	4,140	35.7	64.3	0.0
Iowa Valley	2,331	36.0	63.9	0.0
Hawkeye	3,030	30.7	69.3	0.0
Eastern Iowa	6,357	32.0	68.0	0.0
Kirkwood	7,191	32.7	67.3	0.0
Des Moines Area	11,183	34.8	65.2	0.0
Western Iowa Tech	4,369	29.7	70.3	0.0
Iowa Western	4,777	37.0	62.9	0.1
Southwestern	1,341	30.1	69.9	0.0
Indian Hills	3,351	31.1	68.6	0.3
Southeastern	2,132	31.4	68.6	0.0
Total	59,359	33.3	66.6	0.0

**Table 4-11: OL Enrollment by Sex FY 2011**

College	Total	Male (%)	Female (%)	Not Reported (%)
Northeast Iowa	3,206	28.1	71.9	0.0
North Iowa Area	2,540	43.5	56.5	0.0
Iowa Lakes	2,068	32.1	67.8	0.0
Northwest	1,256	32.0	68.0	0.0
Iowa Central	4,302	34.2	65.8	0.0
Iowa Valley	2,275	35.6	64.4	0.1
Hawkeye	2,773	34.1	65.9	0.0
Eastern Iowa	6,411	31.3	68.7	0.0
Kirkwood	7,265	32.9	67.1	0.0
Des Moines Area	10,535	34.7	65.3	0.0
Western Iowa Tech	4,243	29.2	70.8	0.0
Iowa Western	3,960	35.5	64.5	0.0
Southwestern	1,488	31.4	68.6	0.0
Indian Hills	3,417	29.1	70.2	0.8
Southeastern	2,154	33.3	66.7	0.0
Total	57,893	33.1	66.8	0.1

**Table 4-12: OL Enrollment by Sex FY 2010**

College	Total	Male (%)	Female (%)	Not Reported (%)
Northeast Iowa	3,763	33.7	66.3	0.0
North Iowa Area	2,637	46.9	53.1	0.0
Iowa Lakes	1,806	31.9	67.6	0.5
Northwest	1,068	30.6	69.4	0.0
Iowa Central	3,818	36.5	63.5	0.0
Iowa Valley	2,000	35.8	64.3	0.0
Hawkeye	2,421	34.7	65.3	0.0
Eastern Iowa	5,268	31.7	68.3	0.0
Kirkwood	6,952	34.6	65.2	0.1
Des Moines Area	9,919	34.9	65.1	0.0
Western Iowa Tech	3,697	29.0	70.1	0.9
Iowa Western	3,140	34.9	65.1	0.0
Southwestern	1,269	28.8	71.2	0.0
Indian Hills	2,888	27.0	72.5	0.5
Southeastern	2,054	30.7	69.3	0.0
Total	52,700	33.9	66.0	0.1

**Table 4-13: OL Enrollment by Sex** **FY 2009**

College	Total	Male (%)	Female (%)	Not Reported (%)
Northeast Iowa	2,165	30.3	69.7	0.0
North Iowa Area	2,280	46.1	53.9	0.0
Iowa Lakes	1,555	21.4	69.7	0.5
Northwest	867	34.1	65.7	0.1
Iowa Central	3,397	58.0	63.0	0.0
Iowa Valley	1,723	36.2	63.8	0.0
Hawkeye	2,145	33.5	66.2	0.0
Eastern Iowa	4,428	30.9	69.1	0.0
Kirkwood	5,706	95.6	63.7	0.0
Des Moines Area	7,991	35.1	64.9	0.0
Western Iowa Tech	3,190	43.0	70.4	0.3
Iowa Western	2,104	32.4	67.6	0.0
Southwestern	1,088	15.0	70.1	0.0
Indian Hills	2,362	26.8	72.9	0.4
Southeastern	1,693	22.7	71.0	0.0
Total	42,694	33.7	66.3	0.1

**Online Enrollment by  
Joint Enrollment Type**

**Table 4-14: OL Enrollment by Joint Enrollment**

**FY 2013**

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	471	17.9	2,257	11.0
North Iowa Area	335	29.5	1,801	18.8
Iowa Lakes	300	23.2	1,723	15.5
Northwest	478	63.2	3,169	58.0
Iowa Central	917	34.2	3,920	17.9
Iowa Valley	394	36.4	2,236	25.0
Hawkeye	230	12.3	1,072	10.0
Eastern Iowa	456	11.9	2,488	10.8
Kirkwood	331	8.2	1,557	6.3
Des Moines Area	1,210	9.1	6,232	5.6
Western Iowa Tech	594	28.1	3,365	24.8
Iowa Western	249	11.5	1,400	7.0
Southwestern	379	53.7	2,101	31.8
Indian Hills	254	15.9	1,100	7.8
Southeastern	412	39.5	2,588	32.9
Total	7,010	17.4	37,009	11.9

**Table 4-15: OL Enrollment by Joint Enrollment**

**FY 2012**

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	484	19.7	2,275	11.9
North Iowa Area	298	24.6	1,287	13.0
Iowa Lakes	310	23.6	1,801	15.9
Northwest	333	46.9	1,930	38.6
Iowa Central	1,029	37.9	4,734	21.4
Iowa Valley	303	30.1	1,687	20.4
Hawkeye	181	9.2	848	7.2
Eastern Iowa	534	14.0	2,775	11.2
Kirkwood	310	8.3	1,384	6.6
Des Moines Area	929	7.1	4,796	4.3
Western Iowa Tech	685	30.1	3,751	24.9
Iowa Western	186	9.4	958	5.2
Southwestern	358	50.9	1,826	29.2
Indian Hills	221	14.3	972	8.1
Southeastern	360	36.9	2,401	34.0
Total	6,521	16.5	33,425	11.0

**Online Enrollment by  
Joint Enrollment Type**

**Table 4-16: OL Enrollment by Joint Enrollment**

**FY 2011**

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	433	17.5	2,194	11.1
North Iowa Area	255	17.9	1,075	10.2
Iowa Lakes	380	26.2	2,055	17.1
Northwest	235	26.3	1,231	18.8
Iowa Central	59	2.1	248	1
Iowa Valley	251	21.9	1,345	14.7
Hawkeye	141	7.5	672	6.1
Eastern Iowa	517	11.9	2,485	6.3
Kirkwood	311	7.8	1,397	6
Des Moines Area	797	7.2	3,993	4.3
Western Iowa Tech	711	36.6	3,797	29.5
Iowa Western	152	8.7	805	4.6
Southwestern	162	23.8	752	14.2
Indian Hills	215	14.7	885	7.3
Southeastern	318	32.7	1,905	27.2
Total	4,937	12.9	24,839	8.2

**Table 4-17: OL Enrollment by Joint Enrollment**

**FY 2010**

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	568	22.9	2,511	12.7
North Iowa Area	230	16.2	897	8.5
Iowa Lakes	300	20.6	1,558	13
Northwest	173	19.4	1,025	15.7
Iowa Central	723	26	3,396	14.3
Iowa Valley	204	17.8	944	10.3
Hawkeye	113	6	484	4.4
Eastern Iowa	872	20	5,258	13.3
Kirkwood	342	8.6	1,413	6
Des Moines Area	630	5.7	3,146	3.3
Western Iowa Tech	501	25.8	2,502	19.4
Iowa Western	83	4.7	328	1.9
Southwestern	327	47.9	1,446	27.4
Indian Hills	107	7.3	420	3.5
Southeastern	295	30.4	1,756	25.1
Total	5,468	14.3	27,084	8.9

## Online Enrollment by Joint Enrollment Type

**Table 4-18: OL Enrollment by Joint Enrollment**

**FY 2009**

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	312	10.9	1,551	4.9
North Iowa Area	194	14.2	808	7.6
Iowa Lakes	307	21.5	1,609	13.8
Northwest	114	23.3	609	12.7
Iowa Central	746	25.5	3,415	13.8
Iowa Valley	180	16	917	10.6
Hawkeye	161	9	648	6
Eastern Iowa	290	11.6	1,315	8.8
Kirkwood	298	8.7	1,154	6.4
Des Moines Area	301	3.2	1,340	1.8
Western Iowa Tech	227	12.6	1,118	9.7
Iowa Western	4	0.2	14	0.1
Southwestern	309	47.8	1,415	26.2
Indian Hills	105	9.3	441	5.2
Southeastern	258	29.4	1,329	23.9
Total	3,806	11.3	17,683	6.8

**Table 4-19: Students Enrolled in Online Courses by Program and College  
FY 2013**

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	1,733	0	1,414	42	3,189
North Iowa Area	1,885	188	296	93	2,462
Iowa Lakes	1,153	376	327	49	1,905
Northwest Iowa	1,323	59	227	16	1,625
Iowa Central	2,723	831	538	65	4,157
Iowa Valley	2,039	109	307	0	2,455
Hawkeye	2,752	0	667	33	3,452
Eastern Iowa	3,795	0	1,831	126	5,752
Kirkwood	3,862	239	2,641	138	6,880
Des Moines Area	7,987	1,359	1,354	93	10,793
Western Iowa Tech	2,411	0	1,620	0	4,031
Iowa Western	3,329	0	1,505	55	4,889
Southwestern	1,116	47	148	2	1,313
Indian Hills	1,498	3	1,458	169	3,128
Southeastern	1,592	155	353	0	2,100
<b>Total</b>	<b>39,198</b>	<b>3,366</b>	<b>14,686</b>	<b>881</b>	<b>58,131</b>

**Table 4-20: Students Enrolled in Online Courses by Program and College  
FY 2012**

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	1,781	0	1,455	33	3,269
North Iowa Area	1,855	312	298	112	2,577
Iowa Lakes	1,177	355	354	44	1,930
Northwest Iowa	1,089	60	216	16	1,381
Iowa Central	2,783	692	593	72	4,140
Iowa Valley	1,945	120	266	0	2,331
Hawkeye	2,440	0	555	35	3,030
Eastern Iowa	4,058	0	2,153	146	6,357
Kirkwood	3,793	349	2,888	161	7,191
Des Moines Area	8,063	1,581	1,393	146	11,183
Western Iowa Tech	2,465	0	1,904	0	4,369
Iowa Western	3,280	0	1,442	55	4,777
Southwestern	1,074	112	122	33	1,341
Indian Hills	1,688	10	1,489	164	3,351
Southeastern	1,653	151	328	0	2,132
<b>Total</b>	<b>39,144</b>	<b>3,742</b>	<b>15,456</b>	<b>1,017</b>	<b>59,359</b>

**Table 4-21: Students Enrolled in Online Courses by Program and College**

<b>FY</b>		<b>2011</b>				
College	Arts & Sciences	Career Option	Career & Technical	Combination	Total	
Northeast	1,619	0	1,537	50	3,206	
North Iowa Area	1,783	383	273	101	2,540	
Iowa Lakes	1,188	387	430	63	2,068	
Northwest Iowa	945	56	230	25	1,256	
Iowa Central	2,814	778	620	90	4,302	
Iowa Valley	1,816	129	330	0	2,275	
Hawkeye	2,004	0	743	26	2,773	
Eastern Iowa	4,117	5	2,154	135	6,411	
Kirkwood	3,991	326	2,815	133	7,265	
Des Moines Area	7,530	1,482	1,307	216	10,535	
Western Iowa Tech	2,240	36	1,967	0	4,243	
Iowa Western	2,610	1	1,294	55	3,960	
Southwestern	1,184	115	161	28	1,488	
Indian Hills	1,552	13	1,607	245	3,417	
Southeastern	1,594	176	384	0	2,154	
Total	36,987	3,887	15,852	1,167	57,893	

**Table 4-22: Students Enrolled in Online Courses by Program and College**

<b>FY</b>		<b>2010</b>				
College	Arts & Sciences	Career Option	Career & Technical	Combination	Total	
Northeast	1,902	0	1,720	141	3,763	
North Iowa Area	1,715	373	301	248	2,637	
Iowa Lakes	951	352	385	118	1,806	
Northwest Iowa	810	44	169	45	1,068	
Iowa Central	2,403	608	628	179	3,818	
Iowa Valley	1,543	144	313	0	2,000	
Hawkeye	1,691	0	639	91	2,421	
Eastern Iowa	3,358	0	1,702	208	5,268	
Kirkwood	3,856	204	2,532	360	6,952	
Des Moines Area	6,890	1,293	1,176	560	9,919	
Western Iowa Tech	1,893	28	1,776	0	3,697	
Iowa Western	2,037	4	994	105	3,140	
Southwestern	1,001	98	113	57	1,269	
Indian Hills	1,169	10	1,299	410	2,888	
Southeastern	1,609	141	304	0	2,054	
Total	32,828	3,299	14,051	2,522	52,700	

**Table 4-23: Students Enrolled in Online Courses by Program and College  
FY 2009**

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	1,010	3	1,152	0	2,165
North Iowa Area	1,459	308	472	41	2,280
Iowa Lakes	928	249	378	0	1,555
Northwest Iowa	711	37	119	0	867
Iowa Central	2,333	537	483	44	3,397
Iowa Valley	1,356	123	244	0	1,723
Hawkeye	1,525	0	620	0	2,145
Eastern Iowa	3,012	0	1,351	65	4,428
Kirkwood	3,477	176	1,975	78	5,706
Des Moines Area	5,398	1,181	1,198	214	7,991
Western Iowa Tech	1,649	5	1,536	0	3,190
Iowa Western	1,410	7	639	48	2,104
Southwestern	849	92	120	27	1,088
Indian Hills	1,067	12	1,047	236	2,362
Southeastern	1,368	102	223	0	1,693
Total	27,552	2,832	11,557	753	42,694

**Table 4-24: Online Enrollment by Subpopulation** **FY** **2013**

College	American							Total
	Indian	Asian	Black	Hispanic	White	Not Given	Unknown	
Northeast Iowa	11	27	101	54	2,880	96	20	3,189
North Iowa Area	5	33	128	116	2,126	23	31	2,462
Iowa Lakes	12	113	80	49	1,596	51	4	1,905
Northwest	7	19	9	52	1,453	69	16	1,625
Iowa Central	12	54	512	167	3,158	225	29	4,157
Iowa Valley	45	187	135	155	1,665	255	13	2,455
Hawkeye	10	92	257	71	2,983	1	38	3,452
Eastern Iowa	37	170	373	361	4,454	275	82	5,752
Kirkwood	40	380	444	202	5,134	588	92	6,880
Des Moines Area	33	282	691	409	8,482	718	178	10,793
Western Iowa Tech	65	71	81	252	3,105	390	67	4,031
Iowa Western	64	170	366	242	3,930	108	9	4,889
Southwestern	5	14	24	49	1,192	4	25	1,313
Indian Hills	18	34	138	63	2,688	138	49	3,128
Southeastern	14	24	104	85	1,770	43	60	2,100
Total	378	1,670	3,443	2,327	46,616	2,984	713	58,131

**Table 4-25: Online Enrollment by Subpopulation** **FY** **2012**

College	American							Total
	Indian	Asian	Black	Hispanic	White	Not Given	Unknown	
Northeast Iowa	10	16	76	61	2,960	121	25	3,269
North Iowa Area	9	34	119	100	2,257	22	36	2,577
Iowa Lakes	6	83	86	40	1,638	72	5	1,930
Northwest	6	13	18	26	1,237	60	21	1,381
Iowa Central	8	60	402	147	3,297	183	43	4,140
Iowa Valley	33	169	113	137	1,643	213	23	2,331
Hawkeye	9	67	206	60	2,657	3	28	3,030
Eastern Iowa	40	223	436	381	4,929	284	64	6,357
Kirkwood	36	226	267	91	3,839	2,720	12	7,191
Des Moines Area	38	325	1,082	390	8,385	794	169	11,183
Western Iowa Tech	72	69	104	252	3,324	478	70	4,369
Iowa Western	59	162	345	167	3,915	124	5	4,777
Southwestern	2	8	23	33	1,236	20	19	1,341
Indian Hills	21	33	113	67	2,863	229	25	3,351
Southeastern	8	24	78	60	1,891	41	30	2,132
Total	357	1,512	3,468	2,012	46,071	5,364	575	59,359

**Table 4-26: Online Enrollment by Subpopulation**      **FY**      **2011**

College	American							Total
	Indian	Asian	Black	Hispanic	White	Not Given	Unknown	
Northeast Iowa	5	14	66	43	2,918	24	136	3,206
North Iowa Area	13	31	124	76	2,195	24	77	2,540
Iowa Lakes	6	67	97	37	1,796	1	64	2,068
Northwest	6	11	9	31	1,139	14	46	1,256
Iowa Central	10	64	443	132	3,384	41	228	4,302
Iowa Valley	30	129	114	124	1,567	12	299	2,275
Hawkeye	9	51	238	43	2,409	22	1	2,773
Eastern Iowa	48	262	371	336	5,077	54	263	6,411
Kirkwood	34	185	291	91	3,944	3	2,717	7,265
Des Moines Area	54	325	877	302	7,895	99	983	10,535
Western Iowa Tech	104	65	110	217	3,345	0	402	4,243
Iowa Western	46	75	238	103	3,388	18	92	3,960
Southwestern	7	12	27	27	1,374	22	19	1,488
Indian Hills	32	24	99	65	3,000	8	189	3,417
Southeastern	12	23	66	67	1,915	18	53	2,154
Total	416	1,338	3,170	1,694	45,346	360	5,569	57,893

**Table 4-27: Online Enrollment by Subpopulation**      **FY**      **2010**

College	American							Total
	Indian	Asian	Black	Hispanic	White	Not Given	Unknown	
Northeast Iowa	13	9	92	56	3,376	33	184	3,763
North Iowa Area	6	29	97	67	2,258	6	174	2,637
Iowa Lakes	4	35	58	26	1,630	1	52	1,806
Northwest	4	3	3	15	994	15	34	1,068
Iowa Central	6	68	257	96	3,231	25	135	3,818
Iowa Valley	26	33	100	91	1,464	12	274	2,000
Hawkeye	8	38	181	39	2,145	5	5	2,421
Eastern Iowa	36	142	272	260	4,287	15	256	5,268
Kirkwood	31	159	400	108	4,370	0	1,884	6,952
Des Moines Area	52	349	538	307	7,815	44	814	9,919
Western Iowa Tech	57	43	58	141	3,023	32	343	3,697
Iowa Western	18	40	142	80	2,737	21	102	3,140
Southwestern	6	13	15	25	1,184	7	19	1,269
Indian Hills	25	22	54	58	2,624	0	105	2,888
Southeastern	5	15	39	37	918	0	1,040	2,054
Total	297	998	2,306	1,406	42,056	216	5,421	52,700

**Table 4-28: Online Enrollment by Subpopulation****FY 2009**

College	American Indian	Asian	Black	Hispanic	White	Not Given	Unknown	Total
Northeast Iowa	2	13	33	22	1,981	114	0	2,165
North Iowa Area	4	26	118	58	1,926	148	0	2,280
Iowa Lakes	4	22	28	13	1,445	43	0	1,555
Northwest	2	16	6	14	789	40	0	867
Iowa Central	8	50	162	78	2,869	230	0	3,397
Iowa Valley	28	27	79	84	1,367	138	0	1,723
Hawkeye	10	28	118	31	1,935	23	0	2,145
Eastern Iowa	39	67	200	173	3,711	238	0	4,428
Kirkwood	36	112	387	96	4,458	617	0	5,706
Des Moines Area	35	341	330	187	6,287	811	0	7,991
Western Iowa Tech	37	38	53	97	2,230	729	6	3,190
Iowa Western	6	32	70	45	1,860	65	26	2,104
Southwestern	7	12	28	20	1,013	8	0	1,088
Indian Hills	16	19	42	43	2,184	58	0	2,362
Southeastern	8	15	47	33	1,523	64	3	1,693
Total	242	818	1,701	994	35,578	3,326	35	42,694

**Table 4-29: Online Enrollment by Residency** **FY 2013**

College	Iowa	Out-of-State	International	Unknown	Total
Northeast Iowa	2,748	433	8	0	3,189
North Iowa Area	2,211	210	41	0	2,462
Iowa Lakes	1,576	321	8	0	1,905
Northwest	1,340	278	7	0	1,625
Iowa Central	3,039	1,086	34	0	4,159
Iowa Valley	2,039	156	258	2	2,455
Hawkeye	3,284	154	14	0	3,452
Eastern Iowa	4,695	1,029	27	1	5,752
Kirkwood	6,191	397	292	0	6,880
Des Moines Area	10,258	280	260	0	10,798
Western Iowa Tech	3,343	682	6	0	4,031
Iowa Western	3,441	1,395	54	0	4,890
Southwestern	1,180	120	13	0	1,313
Indian Hills	2,852	252	24	0	3,128
Southeastern	1,752	343	5	0	2,100
Total	49,949	7,136	1,051	3	58,139

**Table 4-30: Online Enrollment by Residency** **FY 2012**

College	Iowa	Out-of-State	International	Unknown	Total
Northeast Iowa	2,840	425	4	0	3,269
North Iowa Area	2,344	207	26	0	2,577
Iowa Lakes	1,591	334	5	0	1,930
Northwest	1,149	226	6	0	1,381
Iowa Central	3,293	827	22	0	4,142
Iowa Valley	1,962	145	223	1	2,331
Hawkeye	2,923	87	20	0	3,030
Eastern Iowa	5,242	1,087	28	0	6,357
Kirkwood	6,650	366	175	0	7,191
Des Moines Area	10,426	534	230	0	11,190
Western Iowa Tech	3,607	755	7	0	4,369
Iowa Western	3,299	1,409	70	0	4,778
Southwestern	1,247	85	9	0	1,341
Indian Hills	3,096	234	21	0	3,351
Southeastern	1,754	366	12	0	2,132
Total	51,423	7,087	858	1	59,369

**Table 4-31: Online Enrollment by Residency** **FY 2011**

College	Iowa	Out-of-State	International	Unknown	Total
Northeast Iowa	2,775	428	3	0	3,206
North Iowa Area	2,335	176	29	0	2,540
Iowa Lakes	1,732	323	13	0	2,068
Northwest	1,073	182	1	0	1,256
Iowa Central	3,310	955	39	0	4,304
Iowa Valley	1,949	150	176	0	2,275
Hawkeye	2,686	51	36	0	2,773
Eastern Iowa	5,350	1,027	34	0	6,411
Kirkwood	6,715	418	132	0	7,265
Des Moines Area	9,869	413	261	0	10,543
Western Iowa Tech	3,505	727	11	0	4,243
Iowa Western	2,800	1,065	95	0	3,960
Southwestern	1,392	0	3	0	1,395
Indian Hills	3,148	244	25	93	3,510
Southeastern	1,760	389	5	0	2,154
Total	50,399	6,548	863	93	57,903

**Table 4-32: Online Enrollment by Residency** **FY 2010**

College	Iowa	Out-of-State	International	Unknown	Total
Northeast Iowa	3,334	420	9	0	3,763
North Iowa Area	2,453	155	29	0	2,637
Iowa Lakes	1,531	270	5	0	1,806
Northwest	943	125	0	0	1,068
Iowa Central	3,068	711	42	0	3,821
Iowa Valley	1,783	109	108	0	2,000
Hawkeye	2,365	36	20	0	2,421
Eastern Iowa	4,552	681	35	0	5,268
Kirkwood	6,369	488	95	0	6,952
Des Moines Area	9,461	237	231	0	9,929
Western Iowa Tech	3,120	577	0	0	3,697
Iowa Western	2,343	723	75	0	3,141
Southwestern	1,190	75	4	0	1,269
Indian Hills	2,666	202	20	0	2,888
Southeastern	1,696	349	9	0	2,054
Total	46,874	5,158	682	0	52,714

**Table 4-33: Online Enrollment by Residency****FY 2009**

College	Iowa	Out-of-State	International	Unknown	Total
Northeast Iowa	1,899	261	5	0	2,165
North Iowa Area	2,046	211	23	0	2,280
Iowa Lakes	1,555	0	0	0	1,555
Northwest	756	111	0	0	867
Iowa Central	2,768	582	50	0	3,400
Iowa Valley	1,552	100	69	2	1,723
Hawkeye	2,102	32	11	0	2,145
Eastern Iowa	3,818	585	24	1	4,428
Kirkwood	5,482	158	66	0	5,706
Des Moines Area	7,583	242	166	0	7,991
Western Iowa Tech	2,694	496	0	0	3,190
Iowa Western	1,612	461	31	0	2,104
Southwestern	1,010	67	11	0	1,088
Indian Hills	2,185	168	9	0	2,362
Southeastern	1,392	299	2	0	1,693
Total	38,454	3,773	467	3	42,697



# 5

## TABLES, JOINT ENROLLMENT AND DEMOGRAPHICS

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**Table 5-1. Number of Students**

	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>Average Change 5 years, %</b>
Northeast Iowa	2,869	2,478	2,418	2,457	2,636	-2.1
North Iowa Area	1,363	1,423	1,372	1,209	1,136	-4.5
Iowa Lakes	1,427	1,453	1,341	1,313	1,291	-2.5
Northwest	489	894	811	710	756	11.5
Iowa Central	2,921	2,781	2,340	2,715	2,681	-2.1
Iowa Valley	1,124	1,147	1,025	1,006	1,082	-0.9
Hawkeye	1,782	1,884	1,804	1,976	1,877	1.3
Eastern Iowa	2,507	4,362	3,559	3,824	3,831	11.2
Kirkwood	3,412	3,970	3,809	3,725	4,048	4.4
Des Moines Area	9,376	11,074	12,856	13,162	13,308	9.2
Western Iowa Tech	1,808	1,941	2,344	2,276	2,112	4.0
Iowa Western	1,805	1,756	1,897	1,973	2,157	4.6
Southwestern	646	682	686	703	706	2.2
Indian Hills	1,130	1,467	1,606	1,545	1,598	9.0
Southeastern	878	971	1,024	976	1,043	4.4
<b>Total</b>	<b>33,537</b>	<b>38,283</b>	<b>38,892</b>	<b>39,570</b>	<b>40,262</b>	<b>4.7</b>

**Table 5-2. Number of Credit Hours**

	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>Average Change 5 years, %</b>
Northeast Iowa	31,953.5	19,842.0	18,509.5	19,105.0	20,526.0	-10.5
North Iowa Area	10,674.0	10,514.0	11,035.0	9,890.0	9,598.0	-2.6
Iowa Lakes	11,638.0	12,026.0	11,727.0	11,302.0	11,145.0	-1.1
Northwest	4,795.0	6,549.0	6,078.0	5,005.0	5,461.0	3.3
Iowa Central	24,796.0	23,821.5	20,037.0	22,084.0	21,917.5	-3.0
Iowa Valley	8,660.5	9,170.5	8,492.0	8,264.5	8,949.5	0.8
Hawkeye	10,808.0	10,957.0	10,313.0	11,740.0	10,764.0	-0.1
Eastern Iowa	14,893.5	39,473.3	22,546.0	24,832.3	22,995.5	11.5
Kirkwood	17,906.0	23,394.5	21,895.0	21,094.5	24,774.0	8.5
Des Moines Area	75,914.0	93,914.0	109,307.0	111,498.0	111,895.0	10.2
Western Iowa Tech	11,546.0	12,865.0	15,936.5	15,088.0	13,587.0	4.2
Iowa Western	17,645.0	17,467.5	19,095.0	18,508.0	20,132.5	3.4
Southwestern	5,403.5	5,283.0	5,834.0	6,244.0	6,607.0	5.2
Indian Hills	8,445.0	12,079.5	12,382.5	11,933.0	14,193.5	13.9
Southeastern	5,551.3	7,005.4	6,889.1	7,066.9	7,866.9	9.1
<b>Total</b>	<b>260,629.3</b>	<b>304,362.2</b>	<b>300,076.6</b>	<b>303,655.2</b>	<b>310,412.4</b>	<b>4.5</b>

**Table 5-3. Average Credit Hours Per Student**

College						Average
	2009	2010	2011	2012	2013	Change 5 years, %
Northeast Iowa	11.1	8.0	7.7	7.8	7.8	-8.6
North Iowa Area	7.8	7.4	8.0	8.2	8.4	1.9
Iowa Lakes	8.2	8.3	8.7	8.6	8.6	1.4
Northwest	9.8	7.3	7.5	7.0	7.2	-7.4
Iowa Central	8.5	8.6	8.6	8.1	8.2	-0.9
Iowa Valley	7.7	8.0	8.3	8.2	8.3	1.8
Hawkeye	6.1	5.8	5.7	5.9	5.7	-1.4
Eastern Iowa	5.9	9.0	6.3	6.5	6.0	0.3
Kirkwood	5.2	5.9	5.7	5.7	6.1	3.9
Des Moines Area	8.1	8.5	8.5	8.5	8.4	0.9
Western Iowa Tech	6.4	6.6	6.8	6.6	6.4	0.2
Iowa Western	9.8	9.9	10.1	9.4	9.3	-1.2
Southwestern	8.4	7.7	8.5	8.9	9.4	2.8
Indian Hills	7.5	8.2	7.7	7.7	8.9	4.4
Southeastern	6.3	7.2	6.7	7.2	7.5	4.5
<b>Total</b>	<b>7.5</b>	<b>7.5</b>	<b>7.7</b>	<b>7.7</b>	<b>7.7</b>	<b>0.8</b>

**Table 5-4. Joint Enrollment as Percent of Total Enrollment**

College	2009		2010		2011		2012		2013	
	Students, %	Credit Hours %								
Northeast Iowa	40.7	14.8	35.5	16.8	32.3	16.4	34.0	18.4	36.7	20.3
North Iowa Area	27.5	10.1	29.8	13.1	27.5	14.1	26.0	13.3	26.7	14.3
Iowa Lakes	33.0	12.3	34.5	14.3	28.0	13.7	29.3	14.9	30.8	16.1
Northwest	23.2	16.2	38.8	18.6	32.0	17.0	29.0	14.6	29.1	15.5
Iowa Central	35.8	18.9	36.3	17.6	25.5	13.8	30.8	15.4	30.7	15.6
Iowa Valley	26.9	9.4	28.2	12.4	23.5	11.4	23.5	11.9	25.6	12.8
Hawkeye	20.5	4.9	22.0	7.7	18.4	7.1	20.7	8.6	20.6	8.3
Eastern Iowa	21.6	2.9	35.7	21.6	24.7	11.7	26.4	13.2	29.0	13.9
Kirkwood	15.1	3.9	16.7	5.9	14.5	5.4	14.9	5.5	17.3	7.2
Des Moines Area	30.3	14.0	33.1	19.6	33.7	21.9	34.1	22.7	36.6	24.3
Western Iowa Tech	23.7	14.8	23.7	11.6	26.6	12.7	26.0	13.5	24.7	12.8
Iowa Western	24.7	12.3	23.1	12.5	21.0	12.4	20.3	11.5	21.6	12.6
Southwestern	31.7	14.7	37.4	14.4	29.4	14.9	30.8	16.9	32.8	19.2
Indian Hills	16.1	4.0	19.3	8.9	19.8	8.9	20.8	9.5	23.0	11.7
Southeastern	18.3	7.2	22.0	8.1	20.5	8.5	21.0	10.0	23.3	11.7
<b>Total</b>	<b>25.1</b>	<b>9.8</b>	<b>27.9</b>	<b>13.6</b>	<b>25.1</b>	<b>13.0</b>	<b>26.0</b>	<b>13.8</b>	<b>27.7</b>	<b>15.0</b>

**Table 5-5. Offering Arrangement**

**2009**

College	PSEO		Contracted		Tuition		Total HS Students		Unduplicated Joint Enrollment*
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	423	2,077	2,097	15,529	649	14,349	3,169	31,954	2,869
North Iowa Area	247	2,015	1,058	7,988	109	671	1,414	10,674	1,363
Iowa Lakes	472	2,664	1,042	7,615	261	1,359	1,775	11,638	1,427
Northwest	86	376	464	4,235	31	184	581	4,795	489
Iowa Central	762	3,478	2,541	21,318	0	0	3,303	24,796	2,921
Iowa Valley	299	1,637	946	7,024	0	0	1,245	8,661	1,124
Hawkeye	357	2,107	1,550	8,045	136	656	2,043	10,808	1,782
Eastern Iowa	514	2,746	1,996	10,031	365	2,117	2,875	14,894	2,507
Kirkwood	776	3,716	2,710	13,287	189	904	3,675	17,906	3,412
Des Moines Area	697	3,667	8,738	68,949	577	3,298	10,012	75,914	9,376
Western Iowa Tech	188	11,546	1,620	10,463	0	0	1,808	11,546	1,808
Iowa Western	167	1,014	1,718	16,550	20	82	1,905	17,645	1,805
Southwestern	403	2,248	363	3,065	22	91	788	5,404	646
Indian Hills	244	1,339	887	6,650	79	457	1,210	8,445	1,130
Southeastern	236	1,201	704	3,838	84	512	1,024	5,551	878
<b>Total</b>	<b>5,871</b>	<b>41,829</b>	<b>28,434</b>	<b>204,584</b>	<b>2,437</b>	<b>24,679</b>	<b>36,827</b>	<b>260,629</b>	<b>33,537</b>

\*This number may be smaller than the sum of PSEO, Contracted, and Tuition, because some students take courses under multiple arrangements.

**Table 5-6. Offering Arrangement**

**2010**

College	PSEO		Contracted		Tuition		Total HS Students		Unduplicated Joint Enrollment*
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	407	2,300	2,255	16,873	87	670	2,749	19,842	2,478
North Iowa Area	262	1,527	1,088	7,702	198	1,285	1,548	10,514	1,423
Iowa Lakes	341	1,862	1,211	9,562	97	602	1,649	12,026	1,453
Northwest	157	804	727	5,398	80	347	964	6,549	894
Iowa Central	716	3,476	2,424	20,346	0	0	3,140	23,822	2,781
Iowa Valley	318	1,769	938	7,402	0	0	1,256	9,171	1,147
Hawkeye	279	1,572	1,678	8,770	125	615	2,082	10,957	1,884
Eastern Iowa	584	2,864	2,775	15,758	1,446	20,852	4,805	39,473	4,362
Kirkwood	716	3,647	3,224	17,116	356	2,632	4,296	23,395	3,970
Des Moines Area	698	3,779	10,129	83,416	925	6,719	11,752	93,914	11,074
Western Iowa Tech	253	1,524	1,688	11,341	0	0	1,941	12,865	1,941
Iowa Western	166	1,038	1,679	16,315	29	115	1,874	17,468	1,756
Southwestern	342	1,786	462	3,405	22	92	826	5,283	682
Indian Hills	154	813	1,333	10,885	70	382	1,557	12,080	1,467
Southeastern	261	1,533	769	4,677	123	792	1,153	7,005	971
<b>Total</b>	<b>5,654</b>	<b>30,293</b>	<b>32,380</b>	<b>238,965</b>	<b>3,558</b>	<b>35,101</b>	<b>41,592</b>	<b>304,362</b>	<b>38,283</b>

\*This number may be smaller than the sum of PSEO, Contracted, and Tuition, because some students take courses under multiple arrangements.

**Table 5-7. Offering Arrangement**

**2011**

College	PSEO		Contracted		Tuition		Total HS Students		Unduplicated Joint Enrollment*
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	313	1,502	2,212	16,062	99	946	2,624	18,510	2,418
North Iowa Area	236	1,496	1,045	8,083	209	1,456	1,490	11,035	1,372
Iowa Lakes	401	2,529	1,107	8,835	55	363	1,563	11,727	1,341
Northwest	131	591	712	5,285	55	202	898	6,078	811
Iowa Central	95	484	2,294	19,553	0	0	2,389	20,037	2,340
Iowa Valley	142	806	982	7,687	0	0	1,124	8,492	1,025
Hawkeye	298	1,692	1,387	6,854	453	1,767	2,138	10,313	1,804
Eastern Iowa	678	3,335	2,996	16,700	418	2,512	4,092	22,546	3,559
Kirkwood	669	3,543	3,351	18,113	28	240	4,049	21,895	3,809
Des Moines Area	733	4,105	11,986	99,651	717	5,551	13,436	109,307	12,856
Western Iowa Tech	290	1,821	2,060	14,116	0	0	2,350	15,937	2,344
Iowa Western	142	831	1,839	18,131	25	134	2,006	19,095	1,897
Southwestern	180	985	556	4,785	16	64	752	5,834	686
Indian Hills	152	733	1,465	11,306	63	344	1,680	12,383	1,606
Southeastern	0	0	957	5,973	139	916	1,096	6,889	1,024
<b>Total</b>	<b>4,460</b>	<b>24,451</b>	<b>34,949</b>	<b>261,132</b>	<b>2,277</b>	<b>14,494</b>	<b>41,687</b>	<b>300,077</b>	<b>38,892</b>

\*This number may be smaller than the sum of PSEO, Contracted, and Tuition, because some students take courses under multiple arrangements.

**Table 5-8. Offering Arrangement**

**2012**

College	PSEO		Contracted		Tuition		Total HS Students		Unduplicated Joint Enrollment*
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	270	1,333	2,293	16,661	118	1,112	2,681	19,105	2,457
North Iowa Area	365	3,081	769	5,690	161	1,119	1,295	9,890	1,209
Iowa Lakes	254	1,654	1,116	9,291	53	357	1,423	11,302	1,313
Northwest	139	620	602	4,229	43	156	784	5,005	710
Iowa Central	49	192	2,670	21,892	0	0	2,719	22,084	2,715
Iowa Valley	127	736	982	7,529	0	0	1,109	8,265	1,006
Hawkeye	320	1,700	1,818	9,755	62	285	2,200	11,740	1,976
Eastern Iowa	737	3,932	3,309	18,781	334	2,120	4,380	24,832	3,824
Kirkwood	713	3,638	3,254	17,283	22	174	3,989	21,095	3,725
Des Moines Area	618	3,517	12,338	101,436	763	6,545	13,719	111,498	13,162
Western Iowa Tech	239	1,611	1,941	12,621	175	856	2,355	15,088	2,276
Iowa Western	155	934	1,920	17,491	19	83	2,094	18,508	1,973
Southwestern	109	590	625	5,578	20	76	754	6,244	703
Indian Hills	91	319	1,456	11,230	62	384	1,609	11,933	1,545
Southeastern	0	0	921	6,319	108	748	1,029	7,067	976
<b>Total</b>	<b>4,186</b>	<b>23,856</b>	<b>36,014</b>	<b>265,785</b>	<b>1,940</b>	<b>14,015</b>	<b>42,140</b>	<b>303,655</b>	<b>39,570</b>

\*This number may be smaller than the sum of PSEO, Contracted, and Tuition, because some students take courses under multiple arrangements.

**Table 5-9. Offering Arrangement**

**2013**

College	PSEO		Contracted		Tuition		Total HS Students		Unduplicated Joint Enrollment*
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	354	1,699	2,461	17,859	117	969	2,932	20,526	2,636
North Iowa Area	282	1,944	723	6,318	131	1,336	1,136	9,598	1,136
Iowa Lakes	208	1,039	1,151	9,781	44	325	1,403	11,145	1,291
Northwest	114	473	702	4,834	35	154	851	5,461	756
Iowa Central	71	276	2,610	21,642	0	0	2,681	21,918	2,681
Iowa Valley	55	222	1,077	8,728	0	0	1,132	8,950	1,082
Hawkeye	251	1,236	1,756	9,228	59	300	2,066	10,764	1,877
Eastern Iowa	406	2,070	3,518	19,243	274	1,683	4,198	22,996	3,831
Kirkwood	696	3,551	3,631	21,050	21	173	4,348	24,774	4,048
Des Moines Area	556	3,154	12,557	101,824	959	6,917	14,072	111,895	13,308
Western Iowa Tech	180	1,222	1,932	12,365	0	0	2,112	13,587	2,112
Iowa Western	154	993	2,082	19,008	34	132	2,270	20,133	2,157
Southwestern	108	668	649	5,917	5	22	762	6,607	706
Indian Hills	65	305	1,529	13,668	40	221	1,634	14,194	1,598
Southeastern	0	0	418	2,630	817	5,237	1,235	7,867	1,043
<b>Total</b>	<b>3,500</b>	<b>18,852</b>	<b>36,796</b>	<b>274,093</b>	<b>2,536</b>	<b>17,468</b>	<b>42,832</b>	<b>310,412</b>	<b>40,262</b>

\*This number may be smaller than the sum of PSEO, Contracted, and Tuition, because some students take courses under multiple arrangements.

**Table 5-10. Distribution by Type of Arrangement**

College	Percentage of Total Joint Enrollment			Percentage of Total Joint Enrollment Credit Hours		
	PSEO	Contracted	Tuition	PSEO	Contracted	Tuition
Northeast Iowa	12.1	83.9	4.0	8.3	87.0	4.7
North Iowa Area	24.8	63.6	11.5	20.3	65.8	13.9
Iowa Lakes	14.8	82.0	3.1	9.3	87.8	2.9
Northwest	13.4	82.5	4.1	8.7	88.5	2.8
Iowa Central	2.6	97.4	0.0	1.3	98.7	0.0
Iowa Valley	4.9	95.1	0.0	2.5	97.5	0.0
Hawkeye	12.1	85.0	2.9	11.5	85.7	2.8
Eastern Iowa	9.7	83.8	6.5	9.0	83.7	7.3
Kirkwood	16.0	83.5	0.5	14.3	85.0	0.7
Des Moines Area	4.0	89.2	6.8	2.8	91.0	6.2
Western Iowa Tech	8.5	91.5	0.0	9.0	91.0	0.0
Iowa Western	6.8	91.7	1.5	4.9	94.4	0.7
Southwestern	14.2	85.2	0.7	10.1	89.6	0.3
Indian Hills	4.0	93.6	2.4	2.1	96.3	1.6
Southeastern	0.0	33.8	66.2	0.0	33.4	66.6
<b>Total</b>	<b>8.2</b>	<b>85.9</b>	<b>5.9</b>	<b>6.1</b>	<b>88.3</b>	<b>5.6</b>

**Table 5-11. Distribution by Type of Arrangement and Gender**

College	PSEO				Contracted				Tuition			
	Male		Female		Male		Female		Male		Female	
	N	%	N	%	N	%	N	%	N	%	N	%
Northeast Iowa	103	29.1	251	70.9	1,220	49.6	1,241	50.4	34	29.1	83	70.9
North Iowa Area	98	34.8	184	65.2	373	51.6	350	48.4	34	26.0	97	74.0
Iowa Lakes	81	39.1	126	60.9	554	48.1	597	51.9	12	27.3	32	72.7
Northwest	46	40.4	68	59.6	305	43.4	397	56.6	7	20.0	28	80.0
Iowa Central	26	36.6	45	63.4	1,332	51.0	1,278	49.0	0	0.0	0	0.0
Iowa Valley	21	38.2	34	61.8	444	41.3	631	58.7	0	0.0	0	0.0
Hawkeye	76	30.3	175	69.7	924	52.6	832	47.4	26	44.1	33	55.9
Eastern Iowa	165	40.6	241	59.4	1,950	55.4	1,568	44.6	101	36.9	173	63.1
Kirkwood	253	36.4	443	63.6	2,214	61.0	1,417	39.0	14	66.7	7	33.3
Des Moines Area	221	39.7	335	60.3	6,551	52.2	6,006	47.8	383	39.9	576	60.1
Western Iowa Tech	65	36.1	115	63.9	1,003	51.9	929	48.1	0	0.0	0.0	0.0
Iowa Western	57	37.0	97	63.0	1,000	48.0	1,082	52.0	11	32.4	23	67.6
Southwestern	33	30.6	75	69.4	272	41.9	377	58.1	2	40.0	3	60.0
Indian Hills	22	33.8	43	66.2	703	47.5	777	52.5	13	32.5	27	67.5
Southeastern	0	0.0	0	0.0	143	34.2	275	65.8	362	44.3	455	55.7
<b>Total</b>	<b>1,267</b>	<b>36.2</b>	<b>2,232</b>	<b>63.8</b>	<b>18,988</b>	<b>51.7</b>	<b>17,757</b>	<b>48.3</b>	<b>999</b>	<b>39.4</b>	<b>1,537</b>	<b>60.6</b>

Note: In Fiscal Year 2013, there were 52 students with unknown gender (not included in this table).

**Table 5-12. Gender of Jointly Enrolled Students\***

College	2009				2010			
	Male		Female		Male		Female	
	N	%	N	%	N	%	N	%
Northeast Iowa	1,334	46.5	1,535	53.5	1,162	46.9	1,316	53.1
North Iowa Area	652	47.8	711	52.2	647	45.5	776	54.5
Iowa Lakes	606	43.2	796	56.8	612	43.1	808	56.9
Northwest	251	51.3	238	48.7	407	45.5	487	54.5
Iowa Central	1,481	50.7	1,439	49.3	1,469	52.8	1,312	47.2
Iowa Valley	456	40.6	668	59.4	480	41.8	667	58.2
Hawkeye	829	46.5	952	53.5	915	48.6	969	51.4
Eastern Iowa	1,265	50.5	1,242	49.5	2,194	50.3	2,168	49.7
Kirkwood	1,838	54.0	1,564	46.0	2,145	54.7	1,774	45.3
Des Moines Area	4,521	48.2	4,855	51.8	5,431	49.0	5,643	51.0
Western Iowa Tech	1,030	58.8	722	41.2	953	52.3	870	47.7
Iowa Western	826	45.8	979	54.2	796	45.3	960	54.7
Southwestern	281	43.5	365	56.5	293	43.0	389	57.0
Indian Hills	418	38.3	673	61.7	641	49.3	658	50.7
Southeastern	356	40.6	521	59.4	414	42.6	557	57.4
<b>Total</b>	<b>16,144</b>	<b>48.3</b>	<b>17,260</b>	<b>51.7</b>	<b>18,559</b>	<b>49.0</b>	<b>19,354</b>	<b>51.0</b>

**Table 5-12. Gender of Jointly Enrolled Students, continued\***

College	2011				2012			
	Male		Female		Male		Female	
	N	%	N	%	N	%	N	%
Northeast Iowa	1,117	46.2	1,301	53.8	1,122	45.7	1,335	54.3
North Iowa Area	630	45.9	742	54.1	526	43.5	683	56.5
Iowa Lakes	596	44.5	742	55.5	573	43.8	735	56.2
Northwest	389	48.0	422	52.0	318	44.8	392	55.2
Iowa Central	1,325	56.6	1,015	43.4	1,411	52.0	1,304	48.0
Iowa Valley	436	42.6	587	57.4	439	43.7	565	56.3
Hawkeye	869	48.2	935	51.8	1,017	51.5	959	48.5
Eastern Iowa	1,838	51.6	1,721	48.4	2,035	53.2	1,789	46.8
Kirkwood	2,209	58.0	1,599	42.0	2,172	58.3	1,553	41.7
Des Moines Area	6,537	50.8	6,319	49.2	6,729	51.1	6,433	48.9
Western Iowa Tech	1,106	47.2	1,237	52.8	1,102	48.4	1,174	51.6
Iowa Western	834	44.0	1,063	56.0	875	44.3	1,098	55.7
Southwestern	323	47.1	363	52.9	287	40.8	416	59.2
Indian Hills	706	48.6	747	51.4	679	48.3	728	51.7
Southeastern	466	45.5	558	54.5	396	40.6	580	59.4
<b>Total</b>	<b>19,381</b>	<b>50.0</b>	<b>19,351</b>	<b>50.0</b>	<b>19,681</b>	<b>49.9</b>	<b>19,744</b>	<b>50.1</b>

\*Note: Students with unknown gender are not included in this table. In Fiscal Year 2009, there were 133 students with unknown gender; in Fiscal Year 2010, there were 370 students with unknown gender; in Fiscal Year 2011, there were 160 students with unknown gender; in Fiscal Year 2012, there were 145 students with unknown gender; in Fiscal Year 2013, there were 52 students with unknown gender.

**Table 5-12. Gender of Jointly Enrolled Students, continued\***

College	2013			
	Male		Female	
	N	%	N	%
Northeast Iowa	1,274	48.3	1,362	51.7
North Iowa Area	505	44.5	631	55.5
Iowa Lakes	603	46.7	687	53.3
Northwest	324	42.9	432	57.1
Iowa Central	1,358	50.7	1,323	49.3
Iowa Valley	446	41.3	634	58.7
Hawkeye	968	51.6	909	48.4
Eastern Iowa	2,089	54.5	1,742	45.5
Kirkwood	2,377	58.7	1,671	41.3
Des Moines Area	6,860	51.5	6,448	48.5
Western Iowa Tech	1,068	50.6	1,044	49.4
Iowa Western	1,031	47.8	1,126	52.2
Southwestern	292	41.4	414	58.6
Indian Hills	725	46.8	824	53.2
Southeastern	437	41.9	606	58.1
<b>Total</b>	<b>20,357</b>	<b>50.6</b>	<b>19,853</b>	<b>49.4</b>

\*Note: Students with unknown gender are not included in this table. In Fiscal Year 2009, there were 133 students with unknown gender; in Fiscal Year 2010, there were 370 students with unknown gender; in Fiscal Year 2011, there were 160 students with unknown gender; in Fiscal Year 2012, there were 145 students with unknown gender; in Fiscal Year 2013, there were 52 students with unknown gender.

**Table 5-13. Race and Ethnicity**

**2009**

<b>College</b>	<b>American Indian</b>	<b>Asian/Pacific Islander</b>	<b>Black</b>	<b>Hispanic</b>	<b>White</b>	<b>Two or More Races</b>	<b>Unknown</b>	<b>Total</b>
Northeast Iowa	4	5	22	26	2,288	11	122	2,478
North Iowa Area	0	20	7	35	1,351	7	3	1,423
Iowa Lakes	5	11	3	28	1,364	2	40	1,453
Northwest	2	4	0	15	848	3	22	894
Iowa Central	8	51	22	187	2,387	31	95	2,781
Iowa Valley	8	9	7	81	699	5	338	1,147
Hawkeye	2	16	73	21	1,770	1	1	1,884
Eastern Iowa	21	52	127	269	3,564	41	288	4,362
Kirkwood	12	60	84	70	2,859	0	885	3,970
Des Moines Area	47	369	420	577	9,152	252	257	11,074
Western Iowa Tech	16	31	23	120	1,414	4	333	1,941
Iowa Western	8	8	4	25	1,468	3	240	1,756
Southwestern	3	7	0	10	645	1	16	682
Indian Hills	16	16	3	26	1,169	0	237	1,467
Southeastern	7	18	17	24	618	0	287	971
<b>Total</b>	<b>159</b>	<b>677</b>	<b>812</b>	<b>1,514</b>	<b>31,596</b>	<b>361</b>	<b>3,164</b>	<b>38,283</b>
<b>% of Total</b>	<b>0.4</b>	<b>1.7</b>	<b>2.1</b>	<b>3.9</b>	<b>81.2</b>	<b>0.9</b>	<b>8.1</b>	<b>98.4</b>

**Table 5-14. Race and Ethnicity**

**2010**

<b>College</b>	<b>American Indian</b>	<b>Asian/Pacific Islander</b>	<b>Black</b>	<b>Hispanic</b>	<b>White</b>	<b>Two or More Races</b>	<b>Unknown</b>	<b>Total</b>
Northeast Iowa	4	6	7	18	2,335	4	44	2,418
North Iowa Area	0	12	6	38	1,300	11	5	1,372
Iowa Lakes	6	10	7	26	1,242	9	41	1,341
Northwest	1	5	2	12	758	2	31	811
Iowa Central	5	41	25	159	1,985	16	109	2,340
Iowa Valley	7	5	16	59	752	7	179	1,025
Hawkeye	3	25	79	30	1,664	3	0	1,804
Eastern Iowa	23	60	133	293	2,784	70	196	3,559
Kirkwood	5	24	14	29	1,291	6	2,440	3,809
Des Moines Area	51	426	426	720	10,287	378	568	12,856
Western Iowa Tech	18	30	22	127	1,443	0	704	2,344
Iowa Western	13	9	13	40	1,693	3	126	1,897
Southwestern	1	6	3	17	647	6	6	686
Indian Hills	12	19	7	31	1,278	1	258	1,606
Southeastern	7	21	16	42	884	17	37	1,024
<b>Total</b>	<b>156</b>	<b>699</b>	<b>776</b>	<b>1,641</b>	<b>30,343</b>	<b>533</b>	<b>4,744</b>	<b>38,892</b>
<b>% of Total</b>	<b>0.4</b>	<b>1.8</b>	<b>2.0</b>	<b>4.2</b>	<b>78.0</b>	<b>1.4</b>	<b>12.2</b>	<b>100.0</b>

**Table 5-15. Race and Ethnicity**

**2011**

<b>College</b>	<b>American Indian</b>	<b>Asian/Pacific Islander</b>	<b>Black</b>	<b>Hispanic</b>	<b>White</b>	<b>Two or More Races</b>	<b>Unknown</b>	<b>Total</b>
Northeast Iowa	4	6	7	18	2,335	4	44	2,418
North Iowa Area	0	12	6	38	1,300	11	5	1,372
Iowa Lakes	6	10	7	26	1,242	9	41	1,341
Northwest	1	5	2	12	758	2	31	811
Iowa Central	5	41	25	159	1,985	16	109	2,340
Iowa Valley	7	5	16	59	752	7	179	1,025
Hawkeye	3	25	79	30	1,664	3	0	1,804
Eastern Iowa	23	60	133	293	2,784	70	196	3,559
Kirkwood	5	24	14	29	1,291	6	2,440	3,809
Des Moines Area	51	426	426	720	10,287	378	568	12,856
Western Iowa Tech	18	30	22	127	1,443	0	704	2,344
Iowa Western	13	9	13	40	1,693	3	126	1,897
Southwestern	1	6	3	17	647	6	6	686
Indian Hills	12	19	7	31	1,278	1	258	1,606
Southeastern	7	21	16	42	884	17	37	1,024
<b>Total</b>	<b>156</b>	<b>699</b>	<b>776</b>	<b>1,641</b>	<b>30,343</b>	<b>533</b>	<b>4,744</b>	<b>38,892</b>
<b>% of Total</b>	<b>0.4</b>	<b>1.8</b>	<b>2.0</b>	<b>4.1</b>	<b>76.7</b>	<b>1.3</b>	<b>12.0</b>	<b>98.3</b>

**Table 5-16. Race and Ethnicity**

**2012**

<b>College</b>	<b>American Indian</b>	<b>Asian/Pacific Islander</b>	<b>Black</b>	<b>Hispanic</b>	<b>White</b>	<b>Two or More Races</b>	<b>Unknown</b>	<b>Total</b>
Northeast Iowa	4	8	2	20	2,379	3	41	2,457
North Iowa Area	0	9	9	38	1,145	5	3	1,209
Iowa Lakes	2	14	7	32	1,219	6	33	1,313
Northwest	5	12	3	3	656	4	27	710
Iowa Central	7	44	31	188	2,331	14	100	2,715
Iowa Valley	11	7	10	51	848	5	74	1,006
Hawkeye	1	37	40	38	1,826	34	0	1,976
Eastern Iowa	27	79	134	370	2,888	75	251	3,824
Kirkwood	4	20	25	30	1,479	22	2,145	3,725
Des Moines Area	51	485	452	774	10,604	333	463	13,162
Western Iowa Tech	12	36	18	164	1,367	17	662	2,276
Iowa Western	15	18	11	93	1,777	4	55	1,973
Southwestern	1	4	1	14	659	13	11	703
Indian Hills	4	12	10	29	1,224	9	257	1,545
Southeastern	3	23	19	36	850	22	23	976
<b>Total</b>	<b>147</b>	<b>808</b>	<b>772</b>	<b>1,880</b>	<b>31,252</b>	<b>566</b>	<b>4,145</b>	<b>39,570</b>
<b>% of Total</b>	<b>0.4</b>	<b>2.0</b>	<b>2.0</b>	<b>4.8</b>	<b>79.0</b>	<b>1.4</b>	<b>10.5</b>	<b>100.0</b>

**Table 5-17. Race and Ethnicity**

**2013**

<b>College</b>	<b>American Indian</b>	<b>Asian/Pacific Islander</b>	<b>Black</b>	<b>Hispanic</b>	<b>White</b>	<b>Two or More Races</b>	<b>Unknown</b>	<b>Total</b>
Northeast Iowa	4	7	13	24	2,549	0	39	2,636
North Iowa Area	1	6	13	37	1,073	3	3	1,136
Iowa Lakes	2	15	4	42	1,200	8	20	1,291
Northwest	4	7	0	16	713	3	13	756
Iowa Central	6	47	36	198	2,252	10	132	2,681
Iowa Valley	13	6	5	75	780	6	197	1,082
Hawkeye	1	47	60	49	1,683	37	0	1,877
Eastern Iowa	27	67	162	342	2,898	92	243	3,831
Kirkwood	11	75	71	91	3,373	106	321	4,048
Des Moines Area	37	507	429	872	10,639	377	447	13,308
Western Iowa Tech	5	22	17	178	1,266	4	620	2,112
Iowa Western	19	28	30	105	1,927	4	44	2,157
Southwestern	1	6	0	19	668	12	0	706
Indian Hills	10	9	8	31	1,370	10	160	1,598
Southeastern	12	18	46	45	863	37	22	1,043
<b>Total</b>	<b>153</b>	<b>867</b>	<b>894</b>	<b>2,124</b>	<b>33,254</b>	<b>709</b>	<b>2,261</b>	<b>40,262</b>
<b>% of Total</b>	<b>0.4</b>	<b>2.2</b>	<b>2.3</b>	<b>5.4</b>	<b>84.0</b>	<b>1.8</b>	<b>5.7</b>	<b>101.7</b>

**Table 5-18. Residency\* 2009**

College	Iowa	Out-of-State	Foreign	Unknown	Total
Northeast Iowa	2,859	10	0	0	2,869
North Iowa Area	1,357	5	1	0	1,363
Iowa Lakes	1,427	0	0	0	1,427
Northwest	489	0	0	0	489
Iowa Central	2,918	1	2	0	2,921
Iowa Valley	1,119	5	0	0	1,124
Hawkeye	1,782	0	0	0	1,782
Eastern Iowa	2,484	17	5	1	2,507
Kirkwood	3,391	7	10	4	3,412
Des Moines Area	9,373	1	2	0	9,376
Western Iowa Tech	1,790	18	0	0	1,808
Iowa Western	1,804	1	0	0	1,805
Southwestern	645	1	0	0	646
Indian Hills	1,129	1	0	0	1,130
Southeastern	855	21	2	0	878
<b>Total</b>	<b>33,422</b>	<b>88</b>	<b>22</b>	<b>5</b>	<b>33,537</b>

\*Note: Students may change residency status during fiscal year; each instance of different residency is counted separately.

**Table 5-19. Residency\* 2010**

College	Iowa	Out-of-State	Foreign	Unknown	Total
Northeast Iowa	2,465	10	0	0	2,475
North Iowa Area	1,416	6	1	0	1,423
Iowa Lakes	1,446	7	0	0	1,453
Northwest	891	3	0	0	894
Iowa Central	2,780	1	0	0	2,781
Iowa Valley	1,144	2	1	0	1,147
Hawkeye	1,884	0	0	0	1,884
Eastern Iowa	4,321	39	2	0	4,362
Kirkwood	3,951	11	7	1	3,970
Des Moines Area	11,062	14	0	0	11,076
Western Iowa Tech	1,921	20	0	0	1,941
Iowa Western	1,755	1	0	0	1,756
Southwestern	682	0	0	0	682
Indian Hills	1,467	0	0	0	1,467
Southeastern	939	25	7	0	971
<b>Total</b>	<b>38,124</b>	<b>139</b>	<b>18</b>	<b>1</b>	<b>38,282</b>

\*Note: Students may change residency status during fiscal year; each instance of different residency is counted separately.

**Table 5-20. Residency\* 2011**

College	Iowa	Out-of-State	Foreign	Unknown	Total
Northeast Iowa	2,411	7	0	0	2,418
North Iowa Area	1,370	2	0	0	1,372
Iowa Lakes	1,335	6	0	0	1,341
Northwest	808	3	0	0	811
Iowa Central	2,339	0	1	0	2,340
Iowa Valley	1,024	1	0	0	1,025
Hawkeye	1,804	0	0	0	1,804
Eastern Iowa	3,520	37	2	0	3,559
Kirkwood	3,783	25	1	0	3,809
Des Moines Area	12,837	14	5	0	12,856
Western Iowa Tech	2,299	45	0	0	2,344
Iowa Western	1,888	9	0	0	1,897
Southwestern	189	0	0	0	189
Indian Hills	1,606	0	0	0	1,606
Southeastern	988	30	6	0	1,024
<b>Total</b>	<b>38,201</b>	<b>179</b>	<b>15</b>	<b>0</b>	<b>38,395</b>

\*Note: Students may change residency status during fiscal year; each instance of different residency is counted separately.

**Table 5-21. Residency\* 2012**

College	Iowa	Out-of-State	Foreign	Unknown	Total
Northeast Iowa	2,440	17	0	0	2,457
North Iowa Area	1,202	7	0	0	1,209
Iowa Lakes	1,308	5	0	0	1,313
Northwest	710	0	0	0	710
Iowa Central	2,714	1	0	0	2,715
Iowa Valley	1,006	0	0	0	1,006
Hawkeye	1,975	1	0	0	1,976
Eastern Iowa	3,793	25	0	6	3,824
Kirkwood	3,717	6	2	0	3,725
Des Moines Area	13,151	9	4	0	13,164
Western Iowa Tech	2,216	60	0	0	2,276
Iowa Western	1,971	2	0	0	1,973
Southwestern	703	0	0	0	703
Indian Hills	1,545	0	0	0	1,545
Southeastern	947	25	4	0	976
<b>Total</b>	<b>39,398</b>	<b>158</b>	<b>10</b>	<b>6</b>	<b>39,572</b>

\*Note: Students may change residency status during fiscal year; each instance of different residency is counted separately.

**Table 5-22. Residency\*****2013**

<b>College</b>	<b>Iowa</b>	<b>Out-of-State</b>	<b>Foreign</b>	<b>Unknown</b>	<b>Total</b>
Northeast Iowa	2,616	19	1	0	2,636
North Iowa Area	1,133	3	0	0	1,136
Iowa Lakes	1,289	2	0	0	1,291
Northwest	753	3	0	0	756
Iowa Central	2,680	1	0	0	2,681
Iowa Valley	1,082	0	0	0	1,082
Hawkeye	1,874	3	0	0	1,877
Eastern Iowa	3,792	35	1	3	3,831
Kirkwood	4,028	13	7	0	4,048
Des Moines Area	13,288	10	10	0	13,308
Western Iowa Tech	2,081	31	0	0	2,112
Iowa Western	2,157	0	0	0	2,157
Southwestern	706	0	0	0	706
Indian Hills	1,598	0	0	0	1,598
Southeastern	1,017	26	0	0	1,043
<b>Total</b>	<b>40,094</b>	<b>146</b>	<b>19</b>	<b>3</b>	<b>40,262</b>

\*Note: Students may change residency status during fiscal year; each instance of different residency is counted separately.

**Table 5-23. Grade Level of Jointly Enrolled Students\*** **2011**

<b>College</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>Total</b>
Northeast Iowa	58	145	763	1,167	2,133
North Iowa Area	12	51	426	758	1,247
Iowa Lakes	49	142	429	559	1,179
Northwest	27	50	219	416	712
Iowa Central	43	83	549	903	1,578
Iowa Valley	5	31	336	576	948
Hawkeye	89	172	610	786	1,657
Eastern Iowa	190	326	958	1,693	3,167
Kirkwood	364	505	897	1,491	3,257
Des Moines Area	443	1,577	3,916	5,175	11,111
Western Iowa Tech	130	229	588	1,094	2,041
Iowa Western	8	52	613	1,060	1,733
Southwestern	2	3	55	129	189
Indian Hills	51	87	494	789	1,421
Southeastern	18	48	268	465	799
<b>Total</b>	<b>1,489</b>	<b>3,501</b>	<b>11,121</b>	<b>17,061</b>	<b>33,172</b>

**Table 5-24. Grade Level of Jointly Enrolled Students\*** **2012**

<b>College</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>Total</b>
Northeast Iowa	95	133	822	1,406	2,456
North Iowa Area	20	53	375	731	1,179
Iowa Lakes	43	111	463	593	1,210
Northwest	39	35	238	382	694
Iowa Central	48	109	696	1,338	2,191
Iowa Valley	3	32	356	609	1,000
Hawkeye	130	194	661	985	1,970
Eastern Iowa	271	464	1,097	1,910	3,742
Kirkwood	490	581	996	1,588	3,655
Des Moines Area	659	1,870	3,989	5,441	11,959
Western Iowa Tech	151	247	761	996	2,155
Iowa Western	5	102	713	1,075	1,895
Southwestern	16	29	268	380	693
Indian Hills	78	98	539	791	1,506
Southeastern	34	29	370	504	937
<b>Total</b>	<b>2,082</b>	<b>4,087</b>	<b>12,344</b>	<b>18,729</b>	<b>37,242</b>

\*Note: Total includes only students with identical valid Iowa State Student ID numbers and thus is smaller than the total head count for all jointly enrolled students.

**Table 5-25. Grade Level of Jointly Enrolled Students\*****2013**

<b>College</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>Total</b>
Northeast Iowa	128	220	794	1,462	2,604
North Iowa Area	11	52	358	735	1,156
Iowa Lakes	38	108	473	615	1,234
Northwest	27	46	301	379	753
Iowa Central	84	158	1,084	1,428	2,754
Iowa Valley	11	36	392	610	1,049
Hawkeye	172	218	636	886	1,912
Eastern Iowa	336	540	1,095	1,796	3,767
Kirkwood	569	661	1,043	1,775	4,048
Des Moines Area	795	2,090	4,471	5,768	13,124
Western Iowa Tech	154	321	827	782	2,084
Iowa Western	87	131	709	1,235	2,162
Southwestern	6	37	283	436	762
Indian Hills	98	147	548	801	1,594
Southeastern	40	42	360	588	1,030
<b>Total</b>	<b>2,556</b>	<b>4,807</b>	<b>13,374</b>	<b>19,296</b>	<b>40,033</b>

\*Note: Total includes only students with identical valid Iowa State Student ID numbers and thus is smaller than the total head count for all jointly enrolled students.



# 6

## **TABLES, CREDIT STUDENT AWARDS**

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**Table 6-1. Awards by Type**

<b>Award Type</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
AA	4,817	4,919	5,251	5,410	4,457
AS	1,165	1,205	1,410	1,490	1,144
AGS	88	110	163	487	227
AAA	66	69	65	64	45
AAS	4,587	4,482	5,084	5,223	4,406
Diploma	2,595	3,317	3,752	3,481	2,610
Certificate	978	1,753	2,180	2,504	2,654
Other	40	43	19	37	62
<b>Total</b>	<b>14,336</b>	<b>15,898</b>	<b>17,924</b>	<b>18,696</b>	<b>15,605</b>

**Table 6-2. Awards by Career Cluster**

<b>Cluster</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Agriculture, Food and Natural Resources	555	554	681	671	610
Architecture and Construction	603	640	792	679	566
Arts, A/V Technology and Communications	247	287	315	389	281
Business, Management and Administration	1,114	1,212	1,375	1,423	1,266
Education and Training	48	25	40	47	58
Finance	13	10	15	9	10
Government and Public Administration	40	0	0	0	0
Health Science	3,858	4,563	4,696	4,920	4,173
Hospitality and Tourism	153	163	171	242	206
Human Services	170	343	434	441	422
Information Technology	360	329	405	551	490
Law, Public Safety and Security	345	355	406	423	307
Manufacturing	690	933	1,223	1,183	1,017
Marketing, Sales and Service	155	212	158	181	164
Science, Technology, Engineering and Mathematics	92	98	107	88	78
Transportation, Distribution and Logistics	568	603	877	746	721
College Transfer (Parallel)	5,350	5,584	6,366	6,172	5,258
<b>Total</b>	<b>14,361</b>	<b>15,911</b>	<b>18,061</b>	<b>18,165</b>	<b>15,627</b>

**Table 6-3. Awards by Career Cluster and Gender**

Cluster	2009		2010		2011		2012		2013	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Agriculture, Food and Natural Resources	434	117	415	136	495	186	503	168	451	154
Architecture and Construction	563	34	605	28	752	40	652	27	521	32
Arts, A/V Technology and Communications	93	152	121	165	108	207	112	277	84	195
Business, Management and Administration	246	860	317	889	307	1,068	294	1,129	330	930
Education and Training	10	35	7	18	7	33	11	36	12	46
Finance	3	10	4	6	6	9	4	5	3	7
Government and Public Administration	2	38	0	0	0	0	0	0	0	0
Health Science	321	3,518	381	4,097	574	4,122	545	4,375	561	3,584
Hospitality and Tourism	66	87	73	88	78	93	103	139	77	127
Human Services	2	164	32	309	36	398	33	408	33	388
Information Technology	294	65	265	63	316	89	418	133	374	113
Law, Public Safety and Security	212	130	198	153	240	166	242	181	184	121
Manufacturing	637	42	885	44	1,158	65	1,126	57	906	101
Marketing, Sales and Service	59	96	97	115	61	97	56	125	56	108
Science, Technology, Engineering and Mathematics	45	21	73	20	67	40	43	45	45	22
Transportation, Distribution and Logistics	539	16	554	31	838	39	717	29	677	37
College Transfer (Parallel)	2,203	3,061	2,332	3,174	2,553	3,813	2,449	3,723	2,054	3,034
<b>Total</b>	<b>5,729</b>	<b>8,446</b>	<b>6,359</b>	<b>9,336</b>	<b>7,596</b>	<b>10,465</b>	<b>7,308</b>	<b>10,857</b>	<b>6,368</b>	<b>8,999</b>

Note: Each "1" denotes 300 students. Does not include students with unknown or unreported gender. The following are unknown/unreported totals: fiscal year 2009 = 161 (1.1%); fiscal year 2010 = 216(1.4%); fiscal year 2011 = 31 (0.2%); fiscal year 2012 = 31 (0.2%); fiscal year 2013 = 260 (1.7%)

#### 6-4. Award Types by Race/Ethnicity

Award Type	2009		2010		2011		2012		2013	
	White	Minority	White	Minority	White	Minority	White	Minority	White	Minority
AA	4,102	371	3,815	391	4,226	440	4,096	553	3,540	469
AS	965	96	945	105	1,118	152	1,145	156	915	120
AGS	69	4	87	7	132	16	136	31	84	23
AAA	62	4	66	1	62	4	61	2	38	6
AAS	4,040	243	3,605	275	4,274	299	4,198	363	3,630	354
Diploma	2,319	163	2,630	241	3,003	325	2,821	293	2,098	245
Certificate	797	94	1,049	131	1,215	211	1,452	258	1,618	291
Other	35	3	33	8	17	1	37	0	61	1
<b>Total</b>	<b>12,389</b>	<b>978</b>	<b>12,230</b>	<b>1,159</b>	<b>14,047</b>	<b>1,448</b>	<b>13,946</b>	<b>1,656</b>	<b>11,984</b>	<b>1,509</b>
<b>% of Total</b>	<b>92.7</b>	<b>7.3</b>	<b>91.3</b>	<b>8.7</b>	<b>90.7</b>	<b>9.3</b>	<b>89.4</b>	<b>10.6</b>	<b>88.8</b>	<b>11.2</b>

Note: Does not include students with unknown or unreported race. The following are unknown/unreported totals: fiscal year 2009 = 969 (6.7%); fiscal year 2010 = 1,333 (9.3%); fiscal year 2011 = 1,799 (10.6%); fiscal year 2012 = 1,481(8.9%); fiscal year 2013 = 735 (5.2%);. Students may have received more than one award, but are counted only once under each type of award.

**Table 6-5. Awards by Career Cluster and Race/Ethnicity**

Cluster	2009		2010		2011		2012		2013	
	White	Minority	White	Minority	White	Minority	White	Minority	White	Minority
Agriculture, Food and Natural Resources	497	5	508	12	473	25	442	12	442	64
Architecture and Construction	528	36	509	43	534	48	479	42	326	79
Arts, A/V Technology and Communications	221	13	245	13	255	19	255	14	190	38
Business, Management and Administration	935	92	916	140	864	96	841	118	748	161
Education and Training	41	3	14	8	26	6	36	5	48	9
Finance	10	0	5	1	10	3	7	1	7	2
Government and Public Administration	32	4	0	0	0	0	0	0	0	0
Health Science	3,450	220	3,731	275	3,806	324	3,932	379	3,336	706
Hospitality and Tourism	117	19	129	13	119	18	158	27	144	43
Human Services	146	8	276	28	310	35	307	41	239	51
Information Technology	308	21	265	28	316	26	367	34	330	61
Law, Public Safety and Security	299	28	278	27	308	31	314	35	226	34
Manufacturing	615	42	746	93	779	79	721	86	623	117
Marketing, Sales and Service	120	13	177	9	109	21	107	19	98	24
Science, Technology, Engineering and Mathematics	63	3	58	18	74	9	49	21	53	8
Transportation, Distribution and Logistics	475	55	473	54	605	82	552	68	435	110
College Transfer (Parallel)	4,532	416	4,370	457	4,855	518	4,571	641	3,953	813
<b>Total</b>	<b>12,389</b>	<b>978</b>	<b>12,700</b>	<b>1,219</b>	<b>13,443</b>	<b>1,340</b>	<b>13,138</b>	<b>1,543</b>	<b>11,198</b>	<b>2,320</b>
<b>% of Total</b>	<b>92.7</b>	<b>7.3</b>	<b>91.2</b>	<b>8.8</b>	<b>90.9</b>	<b>9.1</b>	<b>89.5</b>	<b>10.5</b>	<b>82.8</b>	<b>17.2</b>

Note: Does not include students with unknown or unreported race. The following are unknown/unreported totals: fiscal year 2009 = 969 (6.7%); fiscal year 2010 = 1,376 (8.6%); fiscal year 2011 = 1,284 (8.7%); fiscal year 2012 = 1,482 (10.1%); fiscal year 2013 = 698 (5.2%). Students may have received more than one award, but are counted only once under each cluster.

**Table 6-6. Awards By Career Cluster and College**

**2009**

Cluster	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	55	18	41		12	20	120	24	142	86	2	9	4	5	16	554
Architecture and Construction	47	29	60	102	34	28	30	14	56	75	46	20	27	24	11	603
Arts, A/V Technology and Communications	7	6	14		10	2	62	17	45	49	4	19	4		8	247
Business, Management and Administration	102	65	32	18	59	24	56	182	88	258	57	30	29	45	68	1,113
Education and Training	0	4	0	0	0	0	0	9	0	15	4	13	0	0	0	45
Finance	0	0	0	0	0	0	0	0	10	0	3	0	0	0	0	13
Government and Public Administration	4	0	0	0	0	0	0	0	2	34	0	0	0	0	0	40
Health Science	296	397	161	78	229	124	236	220	401	440	270	256	129	388	230	3,855
Hospitality and Tourism	0	1	9	0	1	0	0	5	54	59	0	14	0	10	0	153
Human Services	15	4	12	0	10	5	24	15	16	19	13	17	0	16	4	170
Information Technology	22	13	5	3	26	7	45	35	54	55	12	7	14	50	12	360
Law, Public Safety and Security	0	39	14	0	34	10	29		51	88	52	0	0	9	19	345
Manufacturing	17	15	17	42	74	13	81	31	58	92	44	12		152	39	687
Marketing, Sales and Service	11	4	4	0	0	0	15	0	21	73	7	20	0	0	0	155
Science, Technology, Engineering and Mathematics	162	319	146	19	361	240	350	515	1,146	786	141	385	102	435	243	5,350
Transportation, Distribution and Logistics	0	4	3	0	4	0	2	9	7	0	16	36	0	9	0	90
College Transfer (Parallel)	15	13	42	23	32		85	72	29	76	40	45	24	35	25	556
<b>Total</b>	<b>753</b>	<b>931</b>	<b>560</b>	<b>285</b>	<b>886</b>	<b>473</b>	<b>1,135</b>	<b>1,148</b>	<b>2,180</b>	<b>2,205</b>	<b>711</b>	<b>883</b>	<b>333</b>	<b>1,178</b>	<b>675</b>	<b>14,336</b>

Note: Students may have received awards in more than one cluster. Non-graduate program completers were not included in the credit student awards by career cluster.

**Table 6-7. Awards By Career Cluster and College**

**2010**

<b>Cluster</b>	<b>Northeast</b>	<b>North Iowa Area</b>	<b>Iowa Lakes</b>	<b>Northwest</b>	<b>Iowa Central</b>	<b>Iowa Valley</b>	<b>Hawkeye</b>	<b>Eastern Iowa</b>	<b>Kirkwood</b>	<b>Des Moines Area</b>	<b>Western Iowa Tech</b>	<b>Iowa Western</b>	<b>Southwestern</b>	<b>Indian Hills</b>	<b>Southeastern</b>	<b>Total</b>
Agriculture, Food and Natural Resources	60	13	58		9	22	100	26	138	91	2	17	5	4	9	554
Architecture and Construction	59	25	34	114	11	23	28	23	76	88	81	31	27	12	8	640
Arts, A/V Technology and Communications	5	6	14	4	21	2	66	8	47	77	15	13	3		6	287
Business, Management and Administration	103	85	21	29	71	18	49	202	172	238	65	24	26	60	49	1,212
Education and Training	0	2	0	0	0	0	0	4	1	15	1	2	0	0	0	25
Finance	0	0	0	0	0	0	0	0	7	0	3	0	0	0	0	10
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	301	414	227	84	357	117	245	200	523	523	302	271	120	636	243	4,563
Hospitality and Tourism	0	4	9	0	9	0	0	6	48	62	0	16	0	9	0	163
Human Services	31	4	20	0	33	9	17	23	24	126	14	18	0	17	7	343
Information Technology	4	16	13	3	9	3	34	24	90	55	13	10	9	38	8	329
Law, Public Safety and Security	1	28	16	0	43	2	33		29	107	48			24	24	355
Manufacturing	21	55	22	30	78	30	116	99	65	146	43	15		149	64	933
Marketing, Sales and Service	21	5	7	0	0	1	23	0	29	111	0	8	0	0	0	212
Science, Technology, Engineering and Mathematics	0	5	7	0	15	0	2	32	9	0	15	8	0	5	0	98
Transportation, Distribution and Logistics	26	8	41	27	35		77	46	36	64	41	33	21	114	34	603
College Transfer (Parallel)	206	341	165	33	375	293	391	522	972	970	126	384	98	381	327	5,584
<b>Total</b>	<b>838</b>	<b>1,011</b>	<b>654</b>	<b>324</b>	<b>1,066</b>	<b>520</b>	<b>1,181</b>	<b>1,215</b>	<b>2,266</b>	<b>2,673</b>	<b>776</b>	<b>850</b>	<b>309</b>	<b>1,449</b>	<b>779</b>	<b>15,911</b>

Note: Students may have received awards in more than one cluster.

**Table 6-8. Awards By Career Cluster and College**

**2011**

<b>Cluster</b>	<b>Northeast</b>	<b>North Iowa Area</b>	<b>Iowa Lakes</b>	<b>Northwest</b>	<b>Iowa Central</b>	<b>Iowa Valley</b>	<b>Hawkeye</b>	<b>Eastern Iowa</b>	<b>Kirkwood</b>	<b>Des Moines Area</b>	<b>Western Iowa Tech</b>	<b>Iowa Western</b>	<b>Southwestern</b>	<b>Indian Hills</b>	<b>Southeastern</b>	<b>Total</b>
Agriculture, Food and Natural Resources	61	24	56	1	17	26	105	16	146	53	1	18	13	2	9	548
Architecture and Construction	57	19	52	92	26	16	27	29	91	81	67	29	25	24	7	642
Arts, A/V Technology and Communications	8	7	11	9	13	3	61	14	38	71	21	25	4		10	295
Business, Management and Administration	85	57	49	34	56	32	30	113	146	213	60	15	32	51	50	1,023
Education and Training	0	5	0	0	0	0	0	1	0	12	9	9	0	0	0	36
Finance	0	4	0	0	0	0	0	0	7	0	4	0	0	0	0	15
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	295	387	140	87	227	140	269	209	547	510	348	288	119	581	227	4,374
Hospitality and Tourism	0	1	13	0	14	0	0	4	60	46	0	7	0	7	0	152
Human Services	24	1	24		38	6	24	21	7	155	27	16	0	23	8	374
Information Technology	23	15	9	6	16	11	36	24	79	58	15	8	11	45	10	366
Law, Public Safety and Security	0	14	20	0	33	7	51	0	35	99	57	0	0	19	29	364
Manufacturing	26	39	17	38	92	41	161	39	62	129	46	12	7	147	56	912
Marketing, Sales and Service	20	4	5	0	0	0	18	0	29	51	8	6	0	0	0	141
Science, Technology, Engineering and Mathematics	0	9	5	0	13	0	2	3	1	0	36	7	0	10	1	87
Transportation, Distribution and Logistics	19	20	66	34	47		84	109	29	77	35	42	25	93	30	710
College Transfer (Parallel)	178	287	190	38	328	282	394	482	1,479	1,061	119	378	102	439	278	6,035
<b>Total</b>	<b>796</b>	<b>893</b>	<b>657</b>	<b>339</b>	<b>920</b>	<b>564</b>	<b>1,262</b>	<b>1,064</b>	<b>2,756</b>	<b>2,616</b>	<b>853</b>	<b>860</b>	<b>338</b>	<b>1,441</b>	<b>715</b>	<b>16,074</b>

Note: Students may have received awards in more than one cluster.

**Table 6-9. Awards By Career Cluster and College**

**2012**

<b>Cluster</b>	<b>Northeast</b>	<b>North Iowa Area</b>	<b>Iowa Lakes</b>	<b>Northwest</b>	<b>Iowa Central</b>	<b>Iowa Valley</b>	<b>Hawkeye</b>	<b>Eastern Iowa</b>	<b>Kirkwood</b>	<b>Des Moines Area</b>	<b>Western Iowa Tech</b>	<b>Iowa Western</b>	<b>Southwestern</b>	<b>Indian Hills</b>	<b>Southeastern</b>	<b>Total</b>
Agriculture, Food and Natural Resources	55	16	71		12	13	106	28	158	40	1	26	12	7	7	552
Architecture and Construction	54	22	48	98	27	9	21	28	85	53	59	33	17	24	7	585
Arts, A/V Technology and Communications	2		13	7	19	5	58	9	37	83	36	10	5		9	293
Business, Management and Administration	79	51	46	39	53	34	45	131	155	199	73	24	32	36	54	1,051
Education and Training	0	7	0	0	0	0	0	5	1	9	5	17	0	0	0	44
Finance	0	1	0	0	0	0	0	0	2	0	6	0	0	0	0	9
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	262	353	133	108	242	121	228	259	531	515	599	318	104	648	223	4,644
Hospitality and Tourism	0	5	12	0	11	0	0	20	73	77	0	8	0	10	0	216
Human Services	31	11	15		27	11	23	27	14	158	30	11	0	24	1	383
Information Technology	27	22	12	9	19	9	35	27	91	73	16	13	14	55	13	435
Law, Public Safety and Security	0	28	7	0	38	8	30	0	31	138	65	0	0	22	17	384
Manufacturing	30	40	21	39	91	20	195	59	48	114	48	7	4	98	45	859
Marketing, Sales and Service	10	7	2	0	0	5	17	0	26	61	7	6	0	0	0	141
Science, Technology, Engineering and Mathematics	0	2	0	0	13	0	0	21	2	0	36	3	0	3	0	80
Transportation, Distribution and Logistics	22	7	43	43	56		65	57	46	88	27	41	30	122	25	672
College Transfer (Parallel)	211	287	173	44	436	298	334	476	1,061	1,137	154	375	124	441	267	5,818
<b>Total</b>	<b>783</b>	<b>859</b>	<b>596</b>	<b>387</b>	<b>1,044</b>	<b>533</b>	<b>1,157</b>	<b>1,147</b>	<b>2,361</b>	<b>2,745</b>	<b>1,162</b>	<b>892</b>	<b>342</b>	<b>1,490</b>	<b>668</b>	<b>16,166</b>

Note: Students may have received awards in more than one cluster.

**Table 6-10. Awards By Career Cluster and College**

**2013**

<b>Cluster</b>	<b>Northeast</b>	<b>North Iowa Area</b>	<b>Iowa Lakes</b>	<b>Northwest</b>	<b>Iowa Central</b>	<b>Iowa Valley</b>	<b>Hawkeye</b>	<b>Eastern Iowa</b>	<b>Kirkwood</b>	<b>Des Moines Area</b>	<b>Western Iowa Tech</b>	<b>Iowa Western</b>	<b>Southwestern</b>	<b>Indian Hills</b>	<b>Southeastern</b>	<b>Total</b>
Agriculture, Food and Natural Resources	63	9	53	2	20	21	91	24	110	37	3	16	10	11	10	480
Architecture and Construction	21	11	28	58	5	15	16	23	66	37	45	30	6	13	18	392
Arts, A/V Technology and Communications	10		12	6	12	2	34	5	29	42	38	15	10		13	228
Business, Management and Administration	68	50	30	30	41	19	46	79	157	149	128	24	17	29	38	905
Education and Training	0	6	0	0	0	0	0	1	1	5	29	15	0	0	0	57
Finance	0	1	0	0	0	0	0	0	5	0	3	0	0	0	0	9
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	220	339	104	111	331	117	169	190	307	406	569	291	110	497	255	4,016
Hospitality and Tourism	0	2	8	0	26	0	0	6	71	43	0	7	0	17	0	180
Human Services	18	3	12		21	7	24	15	10	105	37	27		16	1	296
Information Technology	22	20	7	4	8	7	39	31	100	50	17	12	9	48	10	384
Law, Public Safety and Security	0	22	5	0	33	4	25	0	30	66	42	0	0	18	34	279
Manufacturing	23	30	14	19	101	20	151	43	53	106	56	11	22	44	53	746
Marketing, Sales and Service	8	3	2	0	0	1	12	0	24	48	19	7	0	0	0	124
Science, Technology, Engineering and Mathematics	153	244	164	43	324	232	304	396	870	919	107	304	110	366	287	4,823
Transportation, Distribution and Logistics	0	4	0	0	18	2	0	5	5	0	11	9	0	4	2	60
College Transfer (Parallel)	9	11	25	2	63		68	56	27	56	77	15	19	112	10	550
<b>Total</b>	<b>615</b>	<b>755</b>	<b>464</b>	<b>275</b>	<b>1,003</b>	<b>447</b>	<b>979</b>	<b>874</b>	<b>1,865</b>	<b>2,069</b>	<b>1,181</b>	<b>783</b>	<b>313</b>	<b>1,175</b>	<b>731</b>	<b>13,529</b>

Note: Students may have received awards in more than one cluster.

**Table 6-11. Awards By Career Cluster and Award Type**

**2009**

<b>Cluster</b>	<b>AA</b>	<b>AS</b>	<b>AGS</b>	<b>AAA</b>	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>	<b>Other</b>	<b>Non-completers</b>	<b>Total</b>
Agriculture, Food and Natural Resources	0	20	0	0	413	34	87	0	1	555
Architecture and Construction	2	9	0	0	300	265	27	0	0	603
Arts, A/V Technology and Communications	0	24	0	66	147	9	1	0	0	247
Business, Management and Administration	2	319	0	0	386	228	178	0	1	1,114
Education and Training	0	11	0	0	22	2	10	0	1	46
Finance	0	6	0	0	7	0	0	0	0	13
Government and Public Administration	0	35	0	0	0	0	5	0	0	40
Health Science	5	13	0	0	1,860	1595	347	35	3	3,858
Hospitality and Tourism	0	0	0	0	134	15	4	0	0	153
Human Services	0	53	0	0	77	26	14	0	0	170
Information Technology	2	21	0	0	264	43	30	0	0	360
Law, Public Safety and Security	32	152	0	0	122	8	31	0	0	345
Manufacturing	0	1	0	0	357	242	87	0	3	690
Marketing, Sales and Service	0	16	0	0	90	14	35	0	0	155
Science, Technology, Engineering and Mathematics	0	6	0	0	77	0	7	0	2	92
Transportation, Distribution and Logistics	0	4	0	0	331	106	115	0	12	568
College Transfer (Parallel)	4,774	475	88	0	0	8	0	5	0	5,350
<b>Total</b>	<b>4,817</b>	<b>1,165</b>	<b>88</b>	<b>66</b>	<b>4,587</b>	<b>2,595</b>	<b>978</b>	<b>40</b>	<b>23</b>	<b>14,359</b>

Note: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness.

**Table 6-12. Awards By Career Cluster and Award Type** **2010**

Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-completers	Total
Agriculture, Food and Natural Resources	1	28	0	0	355	69	100	0	1	554
Architecture and Construction	0	1	0	0	270	305	60	0	4	640
Arts, A/V Technology and Communications	0	21	0	69	157	29	9	0	2	287
Business, Management and Administration	4	285	0	0	393	286	244	0	0	1,212
Education and Training	0	8	0	0	6	1	10	0	0	25
Finance	0	4	0	0	6	0	0	0	0	10
Government and Public Administration	0	0	0	0	0	0	0	0	0	0
Health Science	4	13	0	0	1,866	1,959	692	29	0	4,563
Hospitality and Tourism	0	1	0	0	137	12	10	0	3	163
Human Services	0	96	0	0	91	99	56	0	1	343
Information Technology	0	35	0	0	209	33	52	0	0	329
Law, Public Safety and Security	36	153	0	0	124	12	30	0	0	355
Manufacturing	0	0	0	0	376	322	235	0	0	933
Marketing, Sales and Service	0	13	0	0	117	29	53	0	0	212
Science, Technology, Engineering and Mathematics	0	4	0	0	83	3	8	0	0	98
Transportation, Distribution and Logistics	0	2	0	0	291	151	157	0	2	603
College Transfer (Parallel)	4,874	541	110	0	1	7	37	14	0	5,584
<b>Total</b>	<b>4,919</b>	<b>1,205</b>	<b>110</b>	<b>69</b>	<b>4,482</b>	<b>3,317</b>	<b>1,753</b>	<b>43</b>	<b>13</b>	<b>15,911</b>

Note: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness.

**Table 6-13. Awards By Career Cluster and Award Type**

**2011**

<b>Cluster</b>	<b>AA</b>	<b>AS</b>	<b>AGS</b>	<b>AAA</b>	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>	<b>Other</b>	<b>Non-completers</b>	<b>Total</b>
Agriculture, Food and Natural Resources	0	28	0	0	414	98	125	0	0	665
Architecture and Construction	0	0	0	0	312	357	124	0	0	793
Arts, A/V Technology and Communications	0	24	0	65	178	38	12	0	0	317
Business, Management and Administration	3	327	0	0	417	317	313	0	1	1,378
Education and Training	0	9	0	0	10	5	17	0	0	41
Finance	0	5	0	0	10	0	0	0	0	15
Government and Public Administration	0	0	0	0	0	0	0	0	0	0
Health Science	5	36	0	0	2,007	1997	693	19	1	4,758
Hospitality and Tourism	0	0	0	0	142	26	4	0	0	172
Human Services	0	100	0	0	100	139	96	0	0	435
Information Technology	1	36	0	0	270	41	59	0	0	407
Law, Public Safety and Security	33	164	0	0	156	7	49	0	0	409
Manufacturing	0	0	0	0	438	466	324	0	0	1,228
Marketing, Sales and Service	0	12	0	0	93	21	34	0	0	160
Science, Technology, Engineering and Mathematics	0	6	0	0	107	53	0	0	2	168
Transportation, Distribution and Logistics	0	4	0	0	411	180	324	0	8	927
College Transfer (Parallel)	5,209	659	163	0	4	7	6	0	397	6,445
<b>Total</b>	<b>5,251</b>	<b>1,410</b>	<b>163</b>	<b>65</b>	<b>5,069</b>	<b>3,752</b>	<b>2,180</b>	<b>19</b>	<b>409</b>	<b>18,318</b>

Note: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness.

**Table 6-14. Awards By Career Cluster and Award Type**

**2012**

<b>Cluster</b>	<b>AA</b>	<b>AS</b>	<b>AGS</b>	<b>AAA</b>	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>	<b>Other</b>	<b>Non-completers</b>	<b>Total</b>
Agriculture, Food and Natural Resources	0	29	0	0	453	94	95	0	2	673
Architecture and Construction	0	1	0	0	334	277	69	0	3	684
Arts, A/V Technology and Communications	0	26	0	64	155	71	76	0	0	392
Business, Management and Administration	0	316	0	0	443	276	394	0	0	1,429
Education and Training	0	13	0	0	22	3	9	0	0	47
Finance	0	1	0	0	8	0	0	0	0	9
Government and Public Administration	0	0	0	0	0	0	0	0	0	0
Health Science	0	44	0	0	2,080	1,954	923	37	0	5,038
Hospitality and Tourism	0	0	0	0	190	33	21	0	0	244
Human Services	0	142	0	0	90	117	93	0	0	442
Information Technology	0	50	0	0	302	75	125	0	0	552
Law, Public Safety and Security	84	144	0	0	138	8	50	0	0	424
Manufacturing	0	0	0	0	411	403	374	0	2	1,190
Marketing, Sales and Service	1	9	0	0	80	20	75	0	0	185
Science, Technology, Engineering and Mathematics	0	0	0	0	90	7	0	0	0	97
Transportation, Distribution and Logistics	0	3	0	0	427	138	197	0	0	765
College Transfer (Parallel)	5,325	712	487	0	0	5	3	0	0	6,532
<b>Total</b>	<b>5,410</b>	<b>1,490</b>	<b>487</b>	<b>64</b>	<b>5,223</b>	<b>3,481</b>	<b>2,504</b>	<b>37</b>	<b>7</b>	<b>18,703</b>

Note: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness.

**Table 6-15. Awards By Career Cluster and Award Type 2013**

Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-completers	Total
Agriculture, Food and Natural Resources	0	23	0	0	409	75	101	0	2	610
Architecture and Construction	0	1	0	0	247	163	152	0	3	566
Arts, A/V Technology and Communications	0	15	0	45	127	52	42	0	0	281
Business, Management and Administration	2	207	0	0	415	256	386	0	0	1,266
Education and Training	0	7	0	0	16	5	30	0	0	58
Finance	0	1	0	0	9	0	0	0	0	10
Government and Public Administration	0	0	0	0	0	0	0	0	0	0
Health Science	0	39	0	0	1,756	1415	898	62	3	4,173
Hospitality and Tourism	0	0	0	0	155	42	9	0	0	206
Human Services	0	99	0	0	85	127	111	0	0	422
Information Technology	0	40	0	0	275	51	124	0	0	490
Law, Public Safety and Security	17	119	0	0	106	12	53	0	0	307
Manufacturing	0	0	0	0	334	283	398	0	2	1,017
Marketing, Sales and Service	0	7	0	0	71	18	67	0	1	164
Science, Technology, Engineering and Mathematics	4,438	580	227	0	0	6	7	0	0	5,258
Transportation, Distribution and Logistics	0	2	0	0	71	3	0	0	2	78
College Transfer (Parallel)	0	4	0	0	330	102	276	0	9	721
<b>Total</b>	<b>4,457</b>	<b>1,144</b>	<b>227</b>	<b>45</b>	<b>4,406</b>	<b>2,610</b>	<b>2,654</b>	<b>62</b>	<b>22</b>	<b>15,627</b>

Note: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness.

**Table 6-16. Awards By College and Award Type**

**2009**

<b>College</b>	<b>AA</b>	<b>AS</b>	<b>AGS</b>	<b>AAA</b>	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>	<b>Other</b>	<b>Total</b>	<b>% of Total</b>
Northeast	152	14	0	0	319	262	6	0	753	5.3
North Iowa Area	283	109	4		122	90	288	35	931	6.5
Iowa Lakes	133	107	0	0	158	161	1	0	560	3.9
Northwest	19	8	0	0	130	128	0	0	285	2.0
Iowa Central	354	68	7		296	161	0	0	886	6.2
Iowa Valley	244	34	1	0	73	120	1	0	473	3.3
Hawkeye	340	6	4	62	428	211	84	0	1,135	7.9
Eastern Iowa	439	76	0	0	305	118	210	0	1,148	8.0
Kirkwood	1053	148	0	0	979	0	0	0	2,180	15.2
Des Moines Area	598	404	70	0	523	325	285	0	2,205	15.4
Western Iowa Tech	140	1	0	0	271	223	76	0	711	5.0
Iowa Western	308	78			321	160	11	5	883	6.2
Southwestern	99	32	2	4	96	100	0	0	333	2.3
Indian Hills	412	30	0	0	375	361	0	0	1,178	8.2
Southeastern	243	50	0	0	191	175	16	0	675	4.7
<b>Total</b>	<b>4,817</b>	<b>1,165</b>	<b>88</b>	<b>66</b>	<b>4,587</b>	<b>2,595</b>	<b>978</b>	<b>40</b>	<b>14,336</b>	<b>100.0</b>
<b>% of Total</b>	<b>33.6</b>	<b>8.1</b>	<b>0.6</b>	<b>0.5</b>	<b>32.0</b>	<b>18.1</b>	<b>6.8</b>	<b>0.3</b>	<b>100.0</b>	

**Table 6-17. Awards By College and Award Type**

**2010**

<b>College</b>	<b>AA</b>	<b>AS</b>	<b>AGS</b>	<b>AAA</b>	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>	<b>Other</b>	<b>Total</b>	<b>% of Total</b>
Northeast	184	22	0	0	337	284	11	0	838	5.3
North Iowa Area	309	115	1	0	113	172	272	29	1,011	6.4
Iowa Lakes	145	109	0	0	178	212	10	0	654	4.1
Northwest	33	12	0	0	137	142	0	0	324	2.0
Iowa Central	369	87	6	0	329	138	137	0	1,066	6.7
Iowa Valley	289	35	2	0	65	121	8	0	520	3.3
Hawkeye	380	10	1	66	412	242	70	0	1,181	7.4
Eastern Iowa	444	78	0	0	314	132	247	0	1,215	7.6
Kirkwood	876	137	0	0	854	319	80	0	2,266	14.3
Des Moines Area	709	434	95	0	566	416	453	0	2,673	16.8
Western Iowa Tech	124	3	0	0	272	275	102	0	776	4.9
Iowa Western	274	62	0	0	294	148	45	14	837	5.3
Southwestern	93	26	5	3	75	107	0	0	309	1.9
Indian Hills	363	22	0	0	349	428	287	0	1,449	9.1
Southeastern	327	53	0	0	187	181	31	0	779	4.9
<b>Total</b>	<b>4,919</b>	<b>1,205</b>	<b>110</b>	<b>69</b>	<b>4,482</b>	<b>3,317</b>	<b>1,753</b>	<b>43</b>	<b>15,898</b>	<b>100.0</b>
<b>% of Total</b>	<b>30.9</b>	<b>7.6</b>	<b>0.7</b>	<b>0.4</b>	<b>28.2</b>	<b>20.9</b>	<b>11.0</b>	<b>0.3</b>	<b>100.0</b>	

**Table 6-19. Awards By College and Award Type**

**2011**

<b>College</b>	<b>AA</b>	<b>AS</b>	<b>AGS</b>	<b>AAA</b>	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>	<b>Other</b>	<b>Total</b>	<b>% of Total</b>
Northeast	178	18	0	0	374	277	19	0	866	4.8
North Iowa Area	281	127	6	0	152	150	278	19	1,013	5.7
Iowa Lakes	179	148	0	0	233	129	9	0	698	3.9
Northwest	39	18	0	0	138	155	0	0	350	2.0
Iowa Central	340	97	12	0	381	158	170	0	1,158	6.5
Iowa Valley	287	36	1	0	115	153	17	0	609	3.4
Hawkeye	395	13	3	61	438	350	141	0	1,401	7.8
Eastern Iowa	459	64	0	0	328	201	439	0	1,491	8.3
Kirkwood	944	204	0	0	888	353	96	0	2,485	13.9
Des Moines Area	820	498	123	0	595	411	552	0	2,999	16.7
Western Iowa Tech	151	5	0	0	415	473	196	0	1,240	6.9
Iowa Western	331	60	18	0	280	167	38	0	894	5.0
Southwestern	100	39	0	4	94	112	0	0	349	1.9
Indian Hills	460	28	0	0	429	492	188	0	1,597	8.9
Southeastern	287	55	0	0	224	171	37	0	774	4.3
<b>Total</b>	5,251	1,410	163	65	5,084	3,752	2,180	19	17,924	100.0
<b>% of Total</b>	29.3	7.9	0.9	0.4	28.4	20.9	12.2	0.1	100.0	

**Table 6-19. Awards By College and Award Type**

**2012**

<b>College</b>	<b>AA</b>	<b>AS</b>	<b>AGS</b>	<b>AAA</b>	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>	<b>Other</b>	<b>Total</b>	<b>% of Total</b>
Northeast	197	34	0	0	339	256	26	0	852	4.6
North Iowa Area	306	146	8	0	120	137	266	37	1,020	5.5
Iowa Lakes	161	137	0	0	229	95	11	0	633	3.4
Northwest	44	23	0	0	153	187	0	0	407	2.2
Iowa Central	449	104	22	0	403	169	176	0	1,323	7.1
Iowa Valley	292	40	2	0	67	134	5	0	540	2.9
Hawkeye	340	11	2	59	421	334	208	0	1,375	7.4
Eastern Iowa	442	66	0	0	412	194	375	0	1,489	8.0
Kirkwood	958	189	0	0	985	267	85	0	2,484	13.3
Des Moines Area	923	495	429	0	617	469	558	0	3,491	18.7
Western Iowa Tech	153	15	0	0	389	371	525	0	1,453	7.8
Iowa Western	292	79	21	0	294	191	48	0	925	4.9
Southwestern	125	52	2	5	91	97	0	0	372	2.0
Indian Hills	459	32	1	0	515	420	202	0	1,629	8.7
Southeastern	269	67	0	0	188	160	19	0	703	3.8
<b>Total</b>	5,410	1,490	487	64	5,223	3,481	2,504	37	18,696	100.0
<b>% of Total</b>	28.9	8.0	2.6	0.3	27.9	18.6	13.4	0.2	100.0	

**Table 6-20. Awards By College and Award Type**

**2013**

<b>College</b>	<b>AA</b>	<b>AS</b>	<b>AGS</b>	<b>AAA</b>	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>	<b>Other</b>	<b>Total</b>	<b>% of Total</b>
Northeast	152	22	0	0	296	181	31	0	682	4.4
North Iowa Area	245	112	6	0	147	87	214	62	873	5.6
Iowa Lakes	156	125	0	0	214	38	3	0	536	3.4
Northwest	44	14	0	0	125	114	0	0	297	1.9
Iowa Central	334	84	9	0	360	119	170	0	1,076	6.9
Iowa Valley	230	21	0	0	93	119	1	0	464	3.0
Hawkeye	330	18	0	35	358	281	199	0	1,221	7.8
Eastern Iowa	369	61	0	0	332	106	261	0	1,129	7.2
Kirkwood	788	168	0	0	743	187	107	0	1,993	12.8
Des Moines Area	740	351	183	0	447	338	501	0	2,560	16.4
Western Iowa Tech	112	16	0	0	328	404	892	0	1,752	11.2
Iowa Western	259	43	27	0	299	162	39	0	829	5.3
Southwestern	106	34	2	10	75	95	15	0	337	2.2
Indian Hills	385	19	0	0	417	270	207	0	1,298	8.3
Southeastern	207	56	0	0	172	109	14	0	558	3.6
<b>Total</b>	<b>4,457</b>	<b>1,144</b>	<b>227</b>	<b>45</b>	<b>4,406</b>	<b>2,610</b>	<b>2,654</b>	<b>62</b>	<b>15,605</b>	<b>100.0</b>
<b>% of Total</b>	<b>28.6</b>	<b>7.3</b>	<b>1.5</b>	<b>0.3</b>	<b>28.2</b>	<b>16.7</b>	<b>17.0</b>	<b>0.4</b>	<b>100.0</b>	

**Table 6-21. Awards in Agriculture, Food, and Natural Resources**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	50	5	48	12	56	5	48	7	53	10
North Iowa Area	18	0	12	1	18	6	10	6	7	2
Iowa Lakes	37	4	53	5	50	6	64	7	47	6
Northwest	0	0	0	0	1	0	0	0	2	0
Iowa Central	11	1	9	0	15	2	8	4	15	5
Iowa Valley	16	4	15	7	16	10	2	11	8	13
Hawkeye	84	36	65	33	74	31	80	26	63	28
Eastern Iowa	21	3	22	4	10	6	21	7	15	9
Kirkwood	107	32	84	53	104	42	107	51	84	26
Des Moines Area	63	23	81	10	31	22	29	11	31	6
Western Iowa Tech	0	2	2	0	1	0	1	0	3	0
Iowa Western	9	0	13	4	18	0	23	3	13	3
Southwestern	2	2	1	4	11	2	7	5	8	2
Indian Hills	5	0	2	2	2	0	5	2	9	2
Southeastern	11	5	8	1	6	3	6	1	6	4
<b>Total by Gender</b>	<b>434</b>	<b>117</b>	<b>415</b>	<b>136</b>	<b>413</b>	<b>135</b>	<b>411</b>	<b>141</b>	<b>364</b>	<b>116</b>
<b>Total</b>	<b>551</b>		<b>551</b>		<b>548</b>		<b>552</b>		<b>480</b>	

**Table 6-22. Awards in Architecture and Construction**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	46	1	57	1	51	6	53	1	20	1
North Iowa Area	29	0	23	1	16	3	21	1	11	0
Iowa Lakes	56	3	33	1	50	2	48	0	27	1
Northwest	102	0	111	3	90	2	96	2	57	1
Iowa Central	29	3	10	1	25	1	25	2	4	1
Iowa Valley	27	1	22	1	15	1	9	0	15	0
Hawkeye	27	3	26	1	26	1	20	1	15	1
Eastern Iowa	14	0	22	1	28	1	26	2	21	2
Kirkwood	43	12	67	6	89	2	80	5	62	4
Des Moines Area	71	4	82	6	73	8	48	5	37	0
Western Iowa Tech	44	2	78	2	65	2	57	2	44	1
Iowa Western	18	2	30	1	29	0	33	0	30	0
Southwestern	26	1	25	2	23	2	16	1	6	0
Indian Hills	20	2	11	1	22	2	24	0	11	2
Southeastern	11	0	8	0	6	1	7	0	11	7
<b>Total by Gender</b>	<b>563</b>	<b>34</b>	<b>605</b>	<b>28</b>	<b>608</b>	<b>34</b>	<b>563</b>	<b>22</b>	<b>371</b>	<b>21</b>
<b>Total</b>	<b>597</b>		<b>633</b>		<b>642</b>		<b>585</b>		<b>392</b>	

**Table 6-23. Awards in Arts, A/V Technology, and Communications**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	1	6	0	5	3	5	0	2	3	7
North Iowa Area	3	3	1	5	1	6	0	0	0	0
Iowa Lakes	5	9	8	6	2	9	5	8	5	7
Northwest	0	0	0	4	1	8	2	5	1	5
Iowa Central	5	5	16	5	8	5	5	14	5	7
Iowa Valley	2	0	2	0	0	3	4	1	2	0
Hawkeye	14	48	14	51	12	49	11	47	7	27
Eastern Iowa	3	14	3	5	3	11	2	7	2	3
Kirkwood	20	24	16	31	10	28	10	27	4	25
Des Moines Area	23	26	45	32	32	39	31	52	12	30
Western Iowa Tech	1	2	7	8	8	13	15	21	8	30
Iowa Western	13	6	7	6	14	11	4	6	9	6
Southwestern	1	3	1	2	3	1	0	5	5	5
Indian Hills	0	0	0	0	8	2	0	0	0	0
Southeastern	2	6	1	5	105	5	2	7	7	6
<b>Total by Gender</b>	<b>93</b>	<b>152</b>	<b>121</b>	<b>165</b>	<b>210</b>	<b>195</b>	<b>91</b>	<b>202</b>	<b>70</b>	<b>158</b>
<b>Total</b>	<b>245</b>		<b>286</b>		<b>405</b>		<b>293</b>		<b>228</b>	

**Table 6-24. Awards in Business Management and Administration**

College	2009		2010		2011		2012		2013	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	17	84	17	86	19	66	15	64	19	49
North Iowa Area	17	47	18	67	11	46	9	42	12	38
Iowa Lakes	8	24	3	18	13	36	14	32	6	24
Northwest	2	16	8	21	8	26	13	26	12	18
Iowa Central	19	38	28	41	18	38	15	38	12	29
Iowa Valley	1	23	3	15	4	28	1	33	1	18
Hawkeye	3	53	2	47	0	30	0	45	1	45
Eastern Iowa	20	162	68	132	22	91	38	93	12	67
Kirkwood	29	58	65	106	35	111	36	119	41	116
Des Moines Area	81	177	67	171	68	145	49	150	25	124
Western Iowa Tech	23	33	17	47	18	42	20	53	59	69
Iowa Western	6	24	3	21	4	11	3	21	6	18
Southwestern	7	22	2	24	9	23	3	29	4	13
Indian Hills	1	44	9	51	2	49	1	34	1	28
Southeastern	12	55	7	42	10	40	12	42	14	24
<b>Total by Gender</b>	<b>246</b>	<b>860</b>	<b>317</b>	<b>889</b>	<b>241</b>	<b>782</b>	<b>229</b>	<b>821</b>	<b>225</b>	<b>680</b>
<b>Total</b>	<b>1106</b>		<b>1206</b>		<b>1023</b>		<b>1050</b>		<b>905</b>	

**Table 6-25. Awards in Education and Training**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	0	0	0	0	0	0	0	0	0	0
North Iowa Area	2	2	1	1	0	5	4	3	1	5
Iowa Lakes	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	0	0	0	0	0	0	0	0	0	0
Eastern Iowa	0	9	0	4	0	1	0	5	0	1
Kirkwood	0	0	0	1	0	0	0	1	0	1
Des Moines Area	7	8	6	9	6	6	5	4	5	0
Western Iowa Tech	0	4	0	1	0	9	0	5	2	27
Iowa Western	1	12	0	2	1	8	0	17	3	12
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	0	0	0	0	0	0	0	0	0	0
<b>Total by Gender</b>	<b>10</b>	<b>35</b>	<b>7</b>	<b>18</b>	<b>7</b>	<b>29</b>	<b>9</b>	<b>35</b>	<b>11</b>	<b>46</b>
<b>Total</b>	<b>45</b>		<b>25</b>		<b>36</b>		<b>44</b>		<b>57</b>	

**Table 6-26. Awards in Finance**

College	2009		2010		2011		2012		2013	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	0	0	0	0
North Iowa Area	0	0	0	0	2	2	0	1	0	1
Iowa Lakes	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	0	0	0	0	0	0	0	0	0	0
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	3	7	3	4	4	3	2	0	1	4
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	0	3	1	2	0	4	2	4	1	2
Iowa Western	0	0	0	0	0	0	0	0	0	0
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	0	0	0	0	0	0	0	0	0	0
<b>Total by Gender</b>	<b>3</b>	<b>10</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>7</b>
<b>Total</b>	<b>13</b>		<b>10</b>		<b>15</b>		<b>9</b>		<b>9</b>	

**Table 6-27. Awards in Government and Public Administration**

College	2009		2010		2011		2012		2013	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	4	0	0	0	0	0	0	0	0
North Iowa Area	0	0	0	0	0	0	0	0	0	0
Iowa Lakes	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	0	0	0	0	0	0	0	0	0	0
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	0	2	0	0	0	0	0	0	0	0
Des Moines Area	2	32	0	0	0	0	0	0	0	0
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0
Iowa Western	0	0	0	0	0	0	0	0	0	0
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	0	0	0	0	0	0	0	0	0	0
<b>Total by Gender</b>	<b>2</b>	<b>38</b>	<b>0</b>							
<b>Total</b>	<b>40</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>	

**Table 6-28. Awards in Health Science**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	19	277	22	278	23	272	27	235	17	203
North Iowa Area	42	345	50	364	42	345	41	312	53	286
Iowa Lakes	18	142	27	198	19	121	10	123	10	94
Northwest	10	68	7	77	8	79	11	97	5	106
Iowa Central	19	208	19	338	19	208	22	220	28	303
Iowa Valley	6	118	11	106	10	130	6	115	9	108
Hawkeye	13	223	22	223	20	249	16	212	7	162
Eastern Iowa	20	200	12	188	15	194	25	234	16	174
Kirkwood	38	363	39	483	63	484	49	482	40	267
Des Moines Area	39	401	45	478	40	470	47	468	44	362
Western Iowa Tech	17	253	23	277	30	318	138	461	137	432
Iowa Western	27	227	26	245	24	264	30	288	22	269
Southwestern	9	120	10	110	15	104	13	91	11	99
Indian Hills	28	360	51	506	48	502	77	549	56	434
Southeastern	16	213	17	225	20	207	27	196	86	169
<b>Total by Gender</b>	<b>321</b>	<b>3518</b>	<b>381</b>	<b>4096</b>	<b>396</b>	<b>3947</b>	<b>539</b>	<b>4083</b>	<b>541</b>	<b>3468</b>
<b>Total</b>	<b>3839</b>		<b>4477</b>		<b>4343</b>		<b>4622</b>		<b>4009</b>	

**Table 6-29. Awards in Hospitality and Tourism**

College	2009		2010		2011		2012		2013	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	0	0	0	0
North Iowa Area	0	1	2	2	0	1	0	5	0	2
Iowa Lakes	4	5	2	7	5	8	3	9	2	6
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	1	2	7	8	6	8	3	9	17
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	0	0	0	0	0	0	0	0	0	0
Eastern Iowa	0	5	2	4	0	4	8	12	4	2
Kirkwood	29	25	22	24	29	31	29	44	25	46
Des Moines Area	24	35	30	32	21	25	39	38	21	22
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0
Iowa Western	5	9	6	10	3	4	2	6	2	5
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	4	6	7	2	3	4	4	6	4	13
Southeastern	0	0	0	0	0	0	0	0	0	0
<b>Total by Gender</b>	<b>66</b>	<b>87</b>	<b>73</b>	<b>88</b>	<b>69</b>	<b>83</b>	<b>93</b>	<b>123</b>	<b>67</b>	<b>113</b>
<b>Total</b>	<b>153</b>		<b>161</b>		<b>152</b>		<b>216</b>		<b>180</b>	

**Table 6-30. Awards in Human Services**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	0	15	2	28	4	20	1	30	2	16
North Iowa Area	0	4	0	4	1	0	1	10	1	2
Iowa Lakes	0	12	0	20	0	24	1	14	0	12
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	10	1	31	2	36	2	25	3	18
Iowa Valley	0	5	0	9	0	6	1	10	0	7
Hawkeye	0	22	0	17	0	24	0	23	1	23
Eastern Iowa	0	14	0	23	0	21	0	27	0	15
Kirkwood	1	15	2	22	0	7	1	13	2	8
Des Moines Area	1	18	23	103	24	131	19	139	19	86
Western Iowa Tech	0	12	0	14	0	27	0	30	1	36
Iowa Western	0	17	1	17	0	16	1	10	0	27
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	16	0	17	1	22	1	23	1	15
Southeastern	0	4	3	4	1	7	0	1	0	1
<b>Total by Gender</b>	<b>2</b>	<b>164</b>	<b>32</b>	<b>309</b>	<b>33</b>	<b>341</b>	<b>28</b>	<b>355</b>	<b>30</b>	<b>266</b>
<b>Total</b>	<b>166</b>		<b>341</b>		<b>374</b>		<b>383</b>		<b>296</b>	

**Table 6-31. Awards in Law, Public Safety, and Security**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	12	10	15	7	19	4	21	6	0	0
North Iowa Area	16	2	12	1	13	2	15	7	13	9
Iowa Lakes	4	2	4	1	6	3	9	3	2	3
Northwest	5	2	2	1	5	1	7	2	0	0
Iowa Central	5	1	21	5	12	4	11	8	21	12
Iowa Valley	3	2	5	2	10	1	9	0	1	3
Hawkeye	17	5	40	5	29	7	29	6	21	4
Eastern Iowa	30	2	28	7	16	8	19	8	0	0
Kirkwood	45	10	48	6	60	19	74	17	19	11
Des Moines Area	29	5	44	11	47	11	65	8	24	42
Western Iowa Tech	8	0	10	2	9	6	13	3	27	15
Iowa Western	7	5	5	2	8	0	8	5	0	0
Southwestern	17	10	11	3	8	3	10	4	0	0
Indian Hills	50	23	39	11	34	11	36	19	15	3
Southeastern	4	3	10	1	10	0	13	0	15	19
<b>Total by Gender</b>	<b>252</b>	<b>82</b>	<b>294</b>	<b>65</b>	<b>286</b>	<b>80</b>	<b>339</b>	<b>96</b>	<b>158</b>	<b>121</b>
<b>Total</b>	<b>334</b>		<b>359</b>		<b>366</b>		<b>435</b>		<b>279</b>	

**Table 6-32. Awards in Law, Public Safety, and Security**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	0	0	1	0	0	0	0	0	0	0
North Iowa Area	25	14	12	15	10	4	17	11	17	11
Iowa Lakes	7	7	10	6	11	9	5	2	5	2
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	19	15	19	24	20	13	28	10	28	10
Iowa Valley	5	5	2	0	5	2	5	3	5	3
Hawkeye	27	2	28	5	47	4	29	1	29	1
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	39	10	23	5	25	10	23	8	23	8
Des Moines Area	48	40	48	59	42	57	67	71	67	71
Western Iowa Tech	28	23	30	17	29	28	30	35	30	35
Iowa Western	0	0	0	0	0	0	0	0	0	0
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	6	3	18	5	13	16	12	10	12	10
Southeastern	8	11	7	17	7	17	7	10	7	10
<b>Total by Gender</b>	<b>212</b>	<b>130</b>	<b>198</b>	<b>153</b>	<b>209</b>	<b>160</b>	<b>223</b>	<b>161</b>	<b>223</b>	<b>161</b>
<b>Total</b>	<b>342</b>		<b>351</b>		<b>369</b>		<b>384</b>		<b>384</b>	

**Table 6-33. Awards in Manufacturing**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	17	0	20	1	26	0	29	1	23	0
North Iowa Area	15	0	55	0	39	0	39	1	30	0
Iowa Lakes	16	1	21	1	17	0	20	1	13	1
Northwest	41	1	30	0	36	2	36	3	19	0
Iowa Central	68	3	70	6	88	4	88	3	90	11
Iowa Valley	13	0	30	0	39	2	18	2	18	2
Hawkeye	76	4	108	8	152	9	182	13	142	9
Eastern Iowa	25	6	93	5	39	0	58	1	36	7
Kirkwood	55	3	62	3	60	2	48	0	50	3
Des Moines Area	80	12	142	3	113	16	110	4	100	6
Western Iowa Tech	41	3	39	3	43	3	44	4	51	5
Iowa Western	9	1	15	0	12	0	7	0	11	0
Southwestern	0	0	0	0	7	0	4	0	22	0
Indian Hills	143	7	140	9	140	7	94	3	40	4
Southeastern	38	1	59	5	53	3	44	1	28	25
<b>Total by Gender</b>	<b>637</b>	<b>42</b>	<b>884</b>	<b>44</b>	<b>864</b>	<b>48</b>	<b>821</b>	<b>37</b>	<b>673</b>	<b>73</b>
<b>Total</b>	<b>679</b>		<b>928</b>		<b>912</b>		<b>858</b>		<b>746</b>	

**Table 6-34. Awards in Marketing, Sales and Services**

College	2009		2010		2011		2012		2013	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	8	3	7	14	8	12	1	9	2	6
North Iowa Area	2	2	4	1	1	3	3	4	2	1
Iowa Lakes	2	2	3	4	2	3	2	0	1	1
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	0	0	0	1	0	0	1	4	0	1
Hawkeye	10	5	5	18	8	10	10	7	7	5
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	5	16	19	10	15	14	8	18	9	15
Des Moines Area	22	51	55	56	20	31	17	44	10	38
Western Iowa Tech	3	4	3	4	1	7	3	4	8	11
Iowa Western	7	13	1	7	0	6	0	6	2	5
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	0	0	0	0	0	0	0	0	0	0
<b>Total by Gender</b>	<b>59</b>	<b>96</b>	<b>97</b>	<b>115</b>	<b>55</b>	<b>86</b>	<b>45</b>	<b>96</b>	<b>41</b>	<b>83</b>
<b>Total</b>	<b>155</b>		<b>212</b>		<b>141</b>		<b>141</b>		<b>124</b>	

**Table 6-35. Awards in Science, Technology, Engineering and Math (STEM)**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	0	0	0	0	0	0	0	0	0	0
North Iowa Area	4	0	5	0	9	0	2	0	4	0
Iowa Lakes	3	0	7	0	5	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	4	0	14	1	10	3	12	1	18	0
Iowa Valley	0	0	0	0	0	0	0	0	2	0
Hawkeye	1	1	2	0	2	0	0	0	0	0
Eastern Iowa	9	0	23	9	3	0	9	12	5	0
Kirkwood	1	4	3	3	0	1	0	2	1	4
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	10	6	11	2	17	19	12	24	7	4
Iowa Western	5	10	4	4	2	5	1	2	1	8
Southwestern	0	0	0	0	0	0				
Indian Hills	8	0	4	1	5	5	2	1	3	1
Southeastern	0	0	0	0	1	0	0	0	1	1
<b>Total by Gender</b>	<b>45</b>	<b>21</b>	<b>73</b>	<b>20</b>	<b>54</b>	<b>33</b>	<b>38</b>	<b>42</b>	<b>42</b>	<b>18</b>
<b>Total</b>	<b>66</b>		<b>93</b>		<b>87</b>		<b>80</b>		<b>60</b>	

**Table 6-36. Awards in Transportation, Distribution, and Logistics**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	14	0	24	2	16	3	22	0	8	1
North Iowa Area	13	0	8	0	19	1	6	1	9	2
Iowa Lakes	40	2	38	3	64	2	43	0	24	1
Northwest	22	1	27	0	32	2	42	1	2	0
Iowa Central	31	1	34	0	46	1	56	0	62	1
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	84	1	70	7	77	7	60	5	63	5
Eastern Iowa	69	3	45	1	101	8	54	3	50	6
Kirkwood	28	1	36	0	27	2	45	1	26	1
Des Moines Area	76	0	59	4	76	1	84	4	54	2
Western Iowa Tech	36	4	37	2	34	1	26	1	73	4
Iowa Western	44	1	33	0	42	0	40	1	15	0
Southwestern	24	0	21	0	24	1	28	2	18	1
Indian Hills	33	2	91	7	92	1	110	5	102	5
Southeastern	25	0	29	5	28	2	24	1	8	2
<b>Total by Gender</b>	<b>539</b>	<b>16</b>	<b>552</b>	<b>31</b>	<b>678</b>	<b>32</b>	<b>640</b>	<b>25</b>	<b>514</b>	<b>31</b>
<b>Total</b>	<b>555</b>		<b>583</b>		<b>710</b>		<b>665</b>		<b>545</b>	

**Table 6-37. Awards in College Transfer (Parallel)**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	50	111	76	126	59	119	66	145	52	101
North Iowa Area	158	156	157	179	110	177	118	169	90	154
Iowa Lakes	60	86	61	103	68	122	67	106	72	92
Northwest	8	11	13	19	14	24	14	30	19	24
Iowa Central	171	186	167	198	144	184	185	251	140	184
Iowa Valley	107	133	136	157	124	158	149	149	107	125
Hawkeye	163	178	159	225	173	221	129	205	112	192
Eastern Iowa	191	322	205	314	169	313	163	313	146	250
Kirkwood	493	627	420	540	625	854	451	610	385	485
Des Moines Area	325	461	409	550	423	638	436	701	386	533
Western Iowa Tech	34	100	33	85	42	77	58	96	27	80
Iowa Western	147	222	200	177	163	215	180	195	138	166
Southwestern	36	65	26	71	35	67	35	89	28	82
Indian Hills	173	251	148	224	146	293	151	290	127	239
Southeastern	87	152	121	206	104	174	98	169	117	170
<b>Total by Gender</b>	<b>2203</b>	<b>3061</b>	<b>2331</b>	<b>3174</b>	<b>2399</b>	<b>3636</b>	<b>2300</b>	<b>3518</b>	<b>1946</b>	<b>2877</b>
<b>Total</b>	<b>5264</b>		<b>5505</b>		<b>6035</b>		<b>5818</b>		<b>4823</b>	

**Table 6-38. Awards by Career Cluster and Ethnicity/Race**

**2009**

Cluster	American			Hispanic	White	Not Reported	Total
	Indian	Asian	Black				
Agriculture, Food and Natural Resources	2	0	2	1	497	52	554
Architecture and Construction	4	2	8	22	528	39	603
Arts, A/V Technology and Communications	1	1	4	7	221	13	247
Business, Management and Administration	6	24	34	28	935	86	1,113
Education and Training	0	0	0	3	41	1	45
Finance	0	0	0	0	10	3	13
Government and Public Administration	0	0	2	2	32	4	40
Health Science	20	45	69	86	3,450	185	3,855
Hospitality and Tourism	0	8	8	3	117	17	153
Human Services	1	1	6	0	146	16	170
Information Technology	2	3	8	8	308	31	360
Law, Public Safety and Security	2	5	10	11	299	18	345
Manufacturing	5	8	13	16	615	30	687
Marketing, Sales and Service	0	4	8	1	120	22	155
Science, Technology, Engineering and Mathematics	0	0	2	1	63	24	90
Transportation, Distribution and Logistics	8	8	24	15	475	26	556
College Transfer (Parallel)	25	71	170	150	4,532	402	5,350
<b>Total</b>	<b>76</b>	<b>180</b>	<b>368</b>	<b>354</b>	<b>12,389</b>	<b>969</b>	<b>14,336</b>

Note: "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

**Table 6-39. Awards by Career Cluster and Ethnicity/Race**

**2010**

<b>Cluster</b>	<b>American Indian</b>	<b>Asian/Pacific Islander</b>	<b>Black</b>	<b>Hispanic</b>	<b>Two or More Races</b>	<b>White</b>	<b>Not Reported</b>	<b>Total</b>
Agriculture, Food and Natural Resources	2	1	4	2	3	508	19	539
Architecture and Construction	7	5	10	18	0	509	43	592
Arts, A/V Technology and Communications	3	4	2	4	0	245	15	273
Business, Management and Administration	17	31	52	26	1	916	127	1,170
Education and Training	0	1	0	6	0	14	1	22
Finance	0	1	0	0	0	5	2	8
Government and Public Administration	0	0	0	0	0	0	0	0
Health Science	22	48	116	72	17	3,731	434	4,440
Hospitality and Tourism	0	4	6	3	0	129	11	153
Human Services	2	3	18	5	0	276	23	327
Information Technology	4	11	4	9	0	265	29	322
Law, Public Safety and Security	1	4	10	12	0	278	22	327
Manufacturing	7	15	30	30	0	746	68	896
Marketing, Sales and Service	2	2	5	0	0	177	21	207
Science, Technology, Engineering and Mathematics	0	0	2	16	0	58	11	87
Transportation, Distribution and Logistics	4	6	21	16	2	473	45	567
College Transfer (Parallel)	28	76	183	377	10	4,370	498	5,542
<b>Total</b>	<b>99</b>	<b>212</b>	<b>463</b>	<b>596</b>	<b>33</b>	<b>12,700</b>	<b>1,369</b>	<b>15,472</b>

Note: "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

**Table 6-40. Awards by Career Cluster and Ethnicity/Race**

**2011**

<b>Cluster</b>	<b>American Indian</b>	<b>Asian/Pacific Islander</b>	<b>Black</b>	<b>Hispanic</b>	<b>Two or More Races</b>	<b>White</b>	<b>Not Reported</b>	<b>Total</b>
Agriculture, Food and Natural Resources	1	1	1	21	1	473	50	548
Architecture and Construction	6	5	15	21	1	534	59	641
Arts, A/V Technology and Communications	0	3	6	10	0	255	21	295
Business, Management and Administration	8	21	30	33	4	864	63	1,023
Education and Training	1	0	0	5	0	26	4	36
Finance	0	0	0	0	0	0	0	0
Government and Public Administration	0	2	0	1	0	10	2	15
Health Science	24	60	110	108	22	3,806	240	4,370
Hospitality and Tourism	1	7	6	4	0	119	15	152
Human Services	0	3	19	11	2	310	29	374
Information Technology	1	9	7	9	0	316	24	366
Law, Public Safety and Security	2	5	12	12	0	308	25	364
Manufacturing	7	7	28	32	5	779	53	911
Marketing, Sales and Service	1	9	6	5	0	109	11	141
Science, Technology, Engineering and Mathematics	1	2	1	4	1	74	4	87
Transportation, Distribution and Logistics	3	5	34	38	2	605	23	710
College Transfer (Parallel)	40	85	199	174	20	4,855	661	6,034
<b>Total</b>	<b>96</b>	<b>224</b>	<b>474</b>	<b>488</b>	<b>58</b>	<b>13,443</b>	<b>1,284</b>	<b>16,067</b>

Note: "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

**Table 6-41. Awards by Career Cluster and Ethnicity/Race**

**2012**

<b>Cluster</b>	<b>American Indian</b>	<b>Asian/Pacific Islander</b>	<b>Black</b>	<b>Hispanic</b>	<b>Two or More Races</b>	<b>White</b>	<b>Not Reported</b>	<b>Total</b>
Agriculture, Food and Natural Resources	3	1	2	5	1	442	98	552
Architecture and Construction	4	5	12	19	2	479	64	585
Arts, A/V Technology and Communications	1	8	1	4	0	255	24	293
Business, Management and Administration	8	23	40	33	14	841	92	1,051
Education and Training	0	0	2	3	0	36	3	44
Finance	0	1	0	0	0	7	1	9
Government and Public Administration	0	0	0	0	0	0	0	0
Health Science	22	56	132	145	24	3,932	332	4,643
Hospitality and Tourism	0	9	11	6	1	158	31	216
Human Services	1	2	28	7	3	307	35	383
Information Technology	3	13	10	7	1	367	34	435
Law, Public Safety and Security	1	3	11	18	2	314	35	384
Manufacturing	5	5	32	38	6	721	52	859
Marketing, Sales and Service	2	10	5	1	1	107	15	141
Science, Technology, Engineering and Mathematics	0	0	0	20	1	49	10	80
Transportation, Distribution and Logistics	5	3	22	30	8	552	52	672
College Transfer (Parallel)	33	124	227	219	38	4,571	604	5,816
<b>Total</b>	<b>88</b>	<b>263</b>	<b>535</b>	<b>555</b>	<b>102</b>	<b>13,138</b>	<b>1,482</b>	<b>16,163</b>

Note: "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

**Table 6-42. Awards by Career Cluster and Ethnicity/Race**

**2013**

<b>Cluster</b>	<b>American Indian</b>	<b>Asian/Pacific Islander</b>	<b>Black</b>	<b>Hispanic</b>	<b>Two or More Races</b>	<b>White</b>	<b>Not Reported</b>	<b>Total</b>
Agriculture, Food and Natural Resources	2	1	4	55	2	442	22	528
Architecture and Construction	4	5	14	54	2	326	17	422
Arts, A/V Technology and Communications	1	4	4	25	4	190	8	236
Business, Management and Administration	9	15	26	105	6	748	54	963
Education and Training	1	2	1	5	0	48	3	60
Finance	1	0	0	1	0	7	1	10
Government and Public Administration	0	0	0	0	0	0	0	0
Health Science	21	50	123	475	37	3,336	214	4,256
Hospitality and Tourism	1	3	8	27	4	144	16	203
Human Services	3	6	19	21	2	239	17	307
Information Technology	2	6	5	43	5	330	26	417
Law, Public Safety and Security	2	5	8	18	1	226	12	272
Manufacturing	10	8	33	64	2	623	24	764
Marketing, Sales and Service	2	0	8	13	1	98	11	133
Science, Technology, Engineering and Mathematics	1	1	0	5	1	53	3	64
Transportation, Distribution and Logistics	6	6	30	61	7	435	34	579
College Transfer (Parallel)	28	80	209	455	41	3,953	236	5,002
<b>Total</b>	<b>94</b>	<b>192</b>	<b>492</b>	<b>1,427</b>	<b>115</b>	<b>11,198</b>	<b>698</b>	<b>14,216</b>

Note: "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

**Table 6-43. Awards by Ethnicity/Race and Award Type 2009**

	<u>AA</u>		<u>AS</u>		<u>AGS</u>		<u>AAA</u>		<u>AAS</u>		<u>Diploma</u>		<u>Certificate</u>		<u>Other</u>		<u>Total</u>	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
<b>American Indian</b>	24	0.5	5	0.4	0	0.0	0	0.0	20	0.4	24	0.9	3	0.3	0	0.0	76	0.5
<b>Asian</b>	55	1.1	27	2.3	0	0.0	0	0.0	51	1.1	30	1.2	16	1.6	1	0.0	180	1.3
<b>Black</b>	153	3.2	37	3.2	3	3.4	3	4.5	84	1.8	49	1.9	37	3.8	2	4.9	368	2.6
<b>Hispanic</b>	139	2.9	27	2.3	1	1.1	1	1.5	88	1.9	60	2.3	38	3.9	0	0.0	354	2.5
<b>White</b>	4,102	85.2	965	82.8	69	78.4	62	93.9	4,040	88.1	2,319	89.4	797	81.5	35	85.4	12,389	86.4
<b>Not Reported</b>	344	7.1	104	8.9	15	17.0	0	0.0	304	6.6	113	4.4	87	8.9	3	0.0	970	6.8
<b>Total</b>	<b>4,817</b>		<b>1,165</b>		<b>88</b>		<b>66</b>		<b>4,587</b>		<b>2,595</b>		<b>978</b>		<b>41</b>		<b>14,337</b>	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

**Table 6-44. Awards by Ethnicity/Race and Award Type 2010**

	<u>AA</u>		<u>AS</u>		<u>AGS</u>		<u>AAA</u>		<u>AAS</u>		<u>Diploma</u>		<u>Certificate</u>		<u>Other</u>		<u>Total</u>	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
<b>American Indian</b>	25	0.5	5	0.4	1	1.0	1	1.5	27	0.6	26	0.8	11	0.8	0	0.0	96	0.7
<b>Asian/Pacific Islander</b>	62	1.3	26	2.3	1	1.0	0	0.0	52	1.2	40	1.3	19	1.4	0	0.0	200	1.4
<b>Black</b>	146	3.1	48	4.2	5	5.1	0	0.0	87	2.1	92	2.9	51	3.9	7	16.7	436	3.0
<b>Hispanic</b>	149	3.2	24	2.1	0	0.0	0	0.0	102	2.4	74	2.3	44	3.3	1	2.4	394	2.7
<b>Two or more races</b>	9	0.2	2	0.2	0	0.0	0	0.0	7	0.2	9	0.3	6	0.5	0	0.0	33	0.2
<b>White</b>	3,815	81.7	945	82.5	87	87.9	66	98.5	3,605	85.3	2,630	83.4	1,049	79.5	33	78.6	12,230	83.1
<b>Not Reported</b>	463	9.9	96	8.4	5	5.1	0	0.0	347	8.2	282	8.9	139	10.5	1	2.4	1,333	9.1
<b>Total</b>	<b>4,669</b>		<b>1,146</b>		<b>99</b>		<b>67</b>		<b>4,227</b>		<b>3,153</b>		<b>1,319</b>		<b>42</b>		<b>14,722</b>	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

**Table 6-45. Awards by Ethnicity/Race and Award Type 2011**

	<u>AA</u>		<u>AS</u>		<u>AGS</u>		<u>AAA</u>		<u>AAS</u>		<u>Diploma</u>		<u>Certificate</u>		<u>Other</u>		<u>Total</u>	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
<b>American Indian</b>	36	0.7	5	0.4	1	0.6	0	0.0	25	0.5	24	0.7	14	0.9	0	0.0	105	0.6
<b>Asian/Pacific Islander</b>	67	1.3	35	2.5	1	0.6	1	1.5	64	1.3	45	1.2	25	1.6	0	0.0	238	1.4
<b>Black</b>	160	3.1	64	4.6	8	4.9	1	1.5	103	2.1	89	2.4	76	4.7	0	0.0	501	2.9
<b>Hispanic</b>	159	3.1	44	3.2	5	3.1	2	3.0	94	1.9	153	4.2	84	5.2	1	5.3	542	3.2
<b>Two or more races</b>	18	0.3	4	0.3	1	0.6	0	0.0	13	0.3	14	0.4	12	0.7	0	0.0	62	0.4
<b>White</b>	4,226	81.6	1,118	80.1	132	81.5	62	92.5	4,274	86.3	3,003	81.8	1,215	75.7	17	89.5	14,047	82.4
<b>Not Reported</b>	516	10.0	125	9.0	14	8.6	1	1.5	378	7.6	344	9.4	179	11.2	1	5.3	1,558	9.1
<b>Total</b>	<b>5,182</b>		<b>1,395</b>		<b>162</b>		<b>67</b>		<b>4,951</b>		<b>3,672</b>		<b>1,605</b>		<b>19</b>		<b>17,053</b>	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

**Table 6-46. Awards by Ethnicity/Race and Award Type 2012**

	<u>AA</u>		<u>AS</u>		<u>AGS</u>		<u>AAA</u>		<u>AAS</u>		<u>Diploma</u>		<u>Certificate</u>		<u>Other</u>		<u>Total</u>	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
<b>American Indian</b>	29	0.6	4	0.3	1	0.6	0	0.0	28	0.6	18	0.5	16	0.9	0	0.0	96	0.6
<b>Asian/Pacific Islander</b>	111	2.1	31	2.2	3	1.7	1	1.6	58	1.2	47	1.4	34	1.8	0	0.0	285	1.7
<b>Black</b>	178	3.4	67	4.7	21	12.2	0	0.0	122	2.4	97	2.9	85	4.5	0	0.0	570	3.3
<b>Hispanic</b>	201	3.9	42	3.0	5	2.9	1	1.6	135	2.7	106	3.2	106	5.7	0	0.0	596	3.5
<b>Two or more races</b>	34	0.7	12	0.8	1	0.6	0	0.0	20	0.4	25	0.8	17	0.9	0	0.0	109	0.6
<b>White</b>	4,096	79.1	1,145	81.0	136	79.1	61	96.8	4,198	83.7	2,821	84.7	1,452	77.5	37	100.0	13,946	81.6
<b>Not Reported</b>	529	10.2	113	8.0	5	2.9	0	0.0	452	9.0	218	6.5	163	8.7	0	0.0	1,480	8.7
<b>Total</b>	<b>5,178</b>		<b>1,414</b>		<b>172</b>		<b>63</b>		<b>5,013</b>		<b>3,332</b>		<b>1,873</b>		<b>37</b>		<b>17,082</b>	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

**Table 6-47. Awards by Ethnicity/Race and Award Type 2013**

	<u>AA</u>		<u>AS</u>		<u>AGS</u>		<u>AAA</u>		<u>AAS</u>		<u>Diploma</u>		<u>Certificate</u>		<u>Other</u>		<u>Total</u>	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
<b>American Indian</b>	23	0.4	7	0.5	2	1.2	0	0.0	30	0.6	20	0.6	20	1.1	0	0.0	102	0.6
<b>Asian/Pacific Islander</b>	57	1.1	33	2.3	1	0.6	1	1.6	51	1.0	32	1.0	34	1.8	0	0.0	209	1.2
<b>Black</b>	174	3.4	41	2.9	17	9.9	1	1.6	118	2.4	85	2.6	79	4.2	0	0.0	515	3.0
<b>Hispanic</b>	177	3.4	32	2.3	2	1.2	3	4.8	119	2.4	92	2.8	136	7.3	1	2.7	562	3.3
<b>Two or more races</b>	38	0.7	7	0.5	1	0.6	1	1.6	36	0.7	16	0.5	22	1.2	0	0.0	121	0.7
<b>White</b>	3,540	68.4	915	64.7	84	48.8	38	60.3	3,630	72.4	2,098	63.0	1,618	86.4	61	164.9	11,984	70.2
<b>Not Reported</b>	214	4.1	47	3.3	0	0.0	0	0.0	197	3.9	114	3.4	162	8.6	0	0.0	734	4.3
<b>Total</b>	<b>4,223</b>		<b>1,082</b>		<b>107</b>		<b>44</b>		<b>4,181</b>		<b>2,457</b>		<b>2,071</b>		<b>62</b>		<b>14,227</b>	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.





# **TABLES, CREDIT PROGRAMS**

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7-1--7-5. Number of Offered Career and Technical Programs, Latest 5 years.....2-4

**Table 7-1. Number of Offered Career and Technical Education Programs  
2009**

College	AAA	AAS	ASCO	Certificate	Diploma	Total
Northeast		36	2	23	30	91
North Iowa Area		19	16	6	18	59
Iowa Lakes		19	22	5	25	71
Northwest		19	4	1	13	37
Iowa Central		29	6	4	16	55
Iowa Valley		19	18	5	21	63
Hawkeye	3	36		7	21	67
Eastern Iowa		49	1	51	28	129
Kirkwood		60	13	19	36	128
Des Moines Area		42	18	56	37	153
Western Iowa Tech		44	2	69	45	160
Iowa Western		33	1	7	14	55
Southwestern	1	11	4	1	9	26
Indian Hills		27		2	29	58
Southeastern		39	7	2	16	64
<b>TOTAL</b>	<b>4</b>	<b>482</b>	<b>114</b>	<b>258</b>	<b>358</b>	<b>1216</b>

Note: Numbers include both standalone programs and program options. AAA = Associate of Applied Arts; AAS = Associate of Applied Sciences; ASCO = Associate of Sciences, Career Option. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

**Table 7-2. Number of Offered Career and Technical Education Programs  
2010**

College	AAA	AAS	ASCO	Certificate	Diploma	Total
Northeast		32		23	26	81
North Iowa Area		18	18	6	21	63
Iowa Lakes		19	23	9	25	76
Northwest		19	4		14	37
Iowa Central		30	6	5	15	56
Iowa Valley		19	14	6	20	59
Hawkeye	3	25		8	14	50
Eastern Iowa		51	1	51	28	131
Kirkwood		61	14	27	43	145
Des Moines Area		50	19	63	40	172
Western Iowa Tech		49	3	67	45	164
Iowa Western		37	1	11	15	64
Southwestern	1	12	4	1	10	28
Indian Hills		30	1	3	31	65
Southeastern		37	7	3	17	64
<b>TOTAL</b>	<b>4</b>	<b>489</b>	<b>115</b>	<b>283</b>	<b>364</b>	<b>1255</b>

Note: Numbers include both standalone programs and program options. AAA = Associate of Applied Arts; AAS = Associate of Applied Sciences; ASCO = Associate of Sciences, Career Option. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

**Table 7-3. Number of Offered Career and Technical Education Programs  
2011**

College	AAA	AAS	ASCO	Certificate	Diploma	Total
Northeast		35	0	22	27	84
North Iowa Area		19	13	12	24	68
Iowa Lakes		20	20	8	25	73
Northwest		19	4	4	15	42
Iowa Central		31	6	6	16	59
Iowa Valley		21	13	6	22	62
Hawkeye	3	40	0	13	23	79
Eastern Iowa		52	1	52	19	124
Kirkwood		62	14	27	48	151
Des Moines Area		52	24	76	42	194
Western Iowa Tech		47	3	64	42	156
Iowa Western		35	1	11	12	59
Southwestern	1	14	4	2	11	32
Indian Hills		36	1	9	31	77
Southeastern		39	4	3	16	62
<b>TOTAL</b>	<b>4</b>	<b>522</b>	<b>108</b>	<b>315</b>	<b>373</b>	<b>1322</b>

Note: Numbers include both standalone programs and program options. AAA = Associate of Applied Arts; AAS = Associate of Applied Sciences; ASCO = Associate of Sciences, Career Option. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

**Table 7-1. Number of Offered Career and Technical Education Programs  
2012**

College	AAA	AAS	ASCO	Certificate	Diploma	Total
Northeast		39		22	33	94
North Iowa Area		23	10	14	24	71
Iowa Lakes		27	21	8	28	84
Northwest		20	4	4	16	44
Iowa Central		35	6	6	16	63
Iowa Valley		23	13	7	24	67
Hawkeye	5	40		16	24	85
Eastern Iowa		56	1	60	21	138
Kirkwood		67	14	32	52	165
Des Moines Area		57	26	80	42	205
Western Iowa Tech		50	3	66	42	161
Iowa Western		41	1	14	14	70
Southwestern	1	22	4	2	12	41
Indian Hills		33	1	11	33	78
Southeastern		38	4	3	16	61
<b>TOTAL</b>	<b>6</b>	<b>571</b>	<b>108</b>	<b>345</b>	<b>397</b>	<b>1427</b>

Note: Numbers include both standalone programs and program options. AAA = Associate of Applied Arts; AAS = Associate of Applied Sciences; ASCO = Associate of Sciences, Career Option. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

**Table 7-1. Number of Offered Career and Technical Education Programs  
2013**

College	AAA	AAS	ASCO	Certificate	Diploma	Total
Northeast		39		22	33	94
North Iowa Area		23	10	14	24	71
Iowa Lakes		21	20	8	26	75
Northwest		20	4	4	16	44
Iowa Central		34	6	6	16	62
Iowa Valley		23	13	7	24	67
Hawkeye	5	40		15	24	84
Eastern Iowa		54	1	60	21	136
Kirkwood		67	14	31	52	164
Des Moines Area		57	25	80	42	204
Western Iowa Tech		48	3	64	41	156
Iowa Western		41	1	14	14	70
Southwestern	1	22	4	2	12	41
Indian Hills		36	1	12	34	83
Southeastern		38	4	3	16	61
<b>TOTAL</b>	<b>6</b>	<b>563</b>	<b>106</b>	<b>342</b>	<b>395</b>	<b>1412</b>

Note: Numbers include both standalone programs and program options. AAA = Associate of Applied Arts; AAS = Associate of Applied Sciences; ASCO = Associate of Sciences, Career Option. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

# 8

## TABLES, NON-CREDIT ENROLLMENT AND PROGRAMS

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**Table 8-1: Non-Credit Enrollment by College**

College	2009	2010	2011	2012	2013	% Average 5
						Year Change
Northeast Iowa	22,754	21,587	21,614	20,847	21,927	-0.9
North Iowa Area	20,004	17,605	11,670	11,996	12,189	-11.6
Iowa Lakes	4,774	4,120	3,266	2,992	3,255	-9.1
Northwest	13,017	12,664	11,064	10,584	11,044	-4.0
Iowa Central	20,343	22,155	20,297	18,760	17,125	-4.2
Iowa Valley	11,983	11,732	10,411	10,160	8,302	-8.8
Hawkeye	14,357	10,329	10,591	9,750	8,573	-12.1
Eastern Iowa	33,673	30,609	29,922	29,816	30,771	-2.2
Kirkwood	36,599	37,057	37,846	39,014	41,876	3.4
Des Moines Area	31,184	29,087	30,970	29,608	26,047	-4.4
Western Iowa Tech	17,314	16,634	17,050	16,047	17,778	0.7
Iowa Western	23,295	22,824	22,512	21,156	19,886	-3.9
Southwestern	8,401	10,053	7,521	6,552	6,581	-5.9
Indian Hills	15,625	16,128	14,722	15,968	16,150	0.8
Southeastern	6,614	6,349	5,099	5,190	5,051	-6.5
<b>Total</b>	<b>279,937</b>	<b>268,933</b>	<b>254,555</b>	<b>248,440</b>	<b>246,555</b>	<b>-3.1</b>

**Table 8-2: Non-Credit Contact Hours by College**

College	2009	2010	2011	2012	2013	% Average 5
						Year Change
Northeast Iowa	504,099	489,068	425,111	412,108	441,231	-3.3
North Iowa Area	460,561	342,609	191,163	201,503	200,362	-18.8
Iowa Lakes	99,284	84,539	75,110	75,893	74,710	-6.9
Northwest	231,612	232,261	233,903	170,665	144,261	-11.2
Iowa Central	713,998	617,309	613,776	546,712	535,593	-6.9
Iowa Valley	366,010	314,280	279,949	367,687	343,295	-1.6
Hawkeye	359,783	254,657	260,855	248,964	314,047	-3.3
Eastern Iowa	1,150,884	1,102,581	1,047,299	939,435	832,751	-7.8
Kirkwood	1,499,798	1,367,581	1,257,190	1,241,234	1,408,249	-1.6
Des Moines Area	1,494,319	1,503,359	1,463,666	1,729,034	1,343,220	-2.6
Western Iowa Tech	446,156	494,761	562,488	482,561	533,766	4.6
Iowa Western	560,791	545,445	503,103	477,512	460,319	-4.8
Southwestern	224,234	214,610	196,271	167,679	179,908	-5.4
Indian Hills	304,962	292,450	251,113	261,493	241,495	-5.7
Southeastern	355,793	343,929	253,070	259,237	266,758	-6.9
<b>Total</b>	<b>8,772,285</b>	<b>8,199,437</b>	<b>7,614,067</b>	<b>7,581,717</b>	<b>7,319,965</b>	<b>-4.4</b>

**Table 8-3: Non-Credit Courses Delivered by College**

<b>College</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>% Average 5 Year Change</b>
Northeast Iowa	34,762	32,841	35,750	34,871	37,528	1.9
North Iowa Area	71,837	92,722	19,194	20,031	20,338	-27.1
Iowa Lakes	6,755	5,525	4,787	4,362	4,397	-10.2
Northwest	25,310	23,114	22,284	20,622	19,330	-6.5
Iowa Central	37,227	34,437	32,835	30,608	32,710	-3.2
Iowa Valley	22,820	22,440	18,531	15,567	14,288	-11.0
Hawkeye	26,750	16,725	16,700	14,376	13,062	-16.4
Eastern Iowa	53,977	56,378	54,680	55,969	60,272	2.8
Kirkwood	58,364	55,606	55,990	59,085	67,024	3.5
Des Moines Area	47,803	45,485	51,067	49,465	39,352	-4.7
Western Iowa Tech	33,409	36,388	36,969	35,246	38,292	3.5
Iowa Western	40,455	38,200	39,026	35,567	33,825	-4.4
Southwestern	20,671	20,446	17,357	16,269	9,943	-16.7
Indian Hills	27,967	28,747	26,493	29,088	29,618	1.4
Southeastern	11,478	11,039	8,559	8,915	8,598	-7.0
<b>Total</b>	<b>519,585</b>	<b>520,093</b>	<b>440,222</b>	<b>430,041</b>	<b>428,577</b>	<b>-4.7</b>

**Table 8-4: Non-Credit Enrollment by Program Type**

<b>Program Type</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>% Average 5 Year Change</b>
Adult Basic Education*	28,014	28,760	27,140	26,335	22,390	-5.4
Secondary Education	3,762	3,336	2,994	2,186	2,497	-9.7
State/Federal Mandated, Recognized, Court Ordered/Referred	51,425	47,726	46,395	44,752	44,401	-3.6
Enhance Employability/Academic Success	141,576	139,743	124,154	123,171	133,495	-1.5
Recertification/Relicensure	42,506	46,017	50,281	46,287	40,106	-1.4
Community and Public Policy Family/Individual	755	623	690	458	992	7.1
Development and Health	3,591	3,408	1,973	2,116	1,783	-16.1
Adult Learning	4,118	1,051	591	1,378	2,444	-12.2
Leisure/Recreational	21,012	20,719	15,867	16,874	15,432	-7.4
<b>Total</b>	<b>296,759</b>	<b>291,383</b>	<b>270,085</b>	<b>263,557</b>	<b>263,540</b>	<b>-2.9</b>

\*Excludes Sheltered Workshops

**Table 8-5: Non-Credit Enrollment by Program Type**

**2009**

College	State/Federal									
	*Adult Basic Education	Secondary Education*	Mandated, Recognized, Court Ordered/Referred	Enhance Employability / Academic Success	Recertification / Relicensure	Community and Public Policy	Family/Individual Development and Health	Adult Learning	Leisure / Recreational	Total
Northeast Iowa	1,267	196	4,491	15,368	0	87	69	850	963	23,291
North Iowa Area	1,077	20	2,418	13,380	6,342	0	379	37	2,222	25,875
Iowa Lakes	352	61	1,179	1,728	1,307	0	242	10	110	4,989
Northwest	917	0	1,567	9,269	2,140	0	20	0	985	14,898
Iowa Central	2,167	23	2,686	15,549	0	0	21	0	758	21,204
Iowa Valley	1,047	59	1,892	5,408	1,928	396	559	501	1,138	12,928
Hawkeye	1,039	198	3,444	7,772	0	0	0	306	540	13,299
Eastern Iowa	3,297	302	5,319	16,948	1,729	61	439	290	3,314	31,699
Kirkwood	4,291	1,669	6,901	16,049	2,366	0	0	1,795	6,438	39,509
Des Moines Area	5,177	1,202	10,531	9,042	3,297	0	778	19	217	30,263
Western Iowa Tech	1,505	0	2,652	8,314	4,515	76	568	0	1,730	19,360
Iowa Western	1,748	0	3,215	6,620	11,367	0	196	253	1,638	25,037
Southwestern	450	0	1,465	4,153	3,073	0	0	42	1	9,184
Indian Hills	1,527	32	2,611	9,312	3,848	135	307	15	527	18,314
Southeastern	2,153	0	1,054	2,664	594	0	13	0	431	6,909
<b>Total</b>	<b>28,014</b>	<b>3,762</b>	<b>51,425</b>	<b>141,576</b>	<b>42,506</b>	<b>755</b>	<b>3,591</b>	<b>4,118</b>	<b>21,012</b>	<b>296,759</b>
<b>% of Total</b>	<b>9.4</b>	<b>1.3</b>	<b>17.3</b>	<b>47.7</b>	<b>14.3</b>	<b>0.3</b>	<b>1.2</b>	<b>1.4</b>	<b>7.1</b>	<b>100.0</b>

\*Excludes Community Rehabilitation-Sheltered Workshops

**Table 8-6: Non-Credit Enrollment by Program Type**

**2010**

College	State/Federal										Total
	*Adult Basic Education	Secondary Education*	Mandated, Recognized, Court Ordered/Referred	Enhance Employability / Academic Success	Recertification / Relicensure	Community and Public Policy	Family/Individual Development and Health	Adult Learning	Leisure / Recreational		
Northeast Iowa	927	200	3,911	11,241	5,690	90	23	50	640	22,772	
North Iowa Area	1,109	18	2,338	15,924	4,417	0	838	0	2,101	26,745	
Iowa Lakes	308	56	1,168	1,420	1,225	0	2	5	123	4,307	
Northwest	1,062	0	1,566	8,369	1,851	0	71	0	1,251	14,170	
Iowa Central	1,859	27	2,488	16,162	0	0	45	0	3,022	23,603	
Iowa Valley	1,118	37	1,438	4,909	2,386	374	1,111	285	796	12,454	
Hawkeye	992	86	3,837	4,190	90	0	0	170	174	9,539	
Eastern Iowa	3,334	236	4,902	16,582	1,617	41	286	247	2,698	29,943	
Kirkwood	4,107	1,633	6,018	21,713	1,116	0	7	136	5,532	40,262	
Des Moines Area	6,790	1,014	9,828	7,873	2,412	0	498	8	182	28,605	
Western Iowa Tech	1,454	0	2,206	9,103	4,412	0	187	0	1,608	18,970	
Iowa Western	1,742	0	3,534	5,771	11,030	88	16	144	1,788	24,113	
Southwestern	491	0	1,221	3,734	4,737	0	30	0	7	10,220	
Indian Hills	1,424	29	2,128	10,522	4,285	30	294	6	411	19,129	
Southeastern	2,043	0	1,143	2,230	749	0	0	0	386	6,551	
<b>Total</b>	<b>28,760</b>	<b>3,336</b>	<b>47,726</b>	<b>139,743</b>	<b>46,017</b>	<b>623</b>	<b>3,408</b>	<b>1,051</b>	<b>20,719</b>	<b>291,383</b>	
<b>% of Total</b>	<b>9.9</b>	<b>1.1</b>	<b>16.4</b>	<b>48.0</b>	<b>15.8</b>	<b>0.2</b>	<b>1.2</b>	<b>0.4</b>	<b>7.1</b>	<b>100.0</b>	

\*Excludes Community Rehabilitation-Sheltered Workshops

**Table 8-7: Non-Credit Enrollment by Program Type**

**2011**

College	State/Federal									Total
	*Adult Basic Education	Secondary Education*	Mandated, Recognized, Court Ordered/Referred	Enhance Employability / Academic Success	Recertification / Relicensure	Community and Public Policy	Family/Individual Development and Health	Adult Learning	Leisure / Recreational	
Northeast Iowa	859	171	4,979	10,306	6,586	132	109	153	689	23,984
North Iowa Area	840	7	1,475	4,389	2,818	0	0	0	2,281	11,810
Iowa Lakes	329	0	785	1,575	818	0	0	0	20	3,527
Northwest	924	0	1,299	8,110	1,907	0	55	0	623	12,918
Iowa Central	1,689	0	2,970	14,640	0	0	0	0	982	20,281
Iowa Valley	1,055	47	1,493	4,761	2,111	291	516	9	816	11,099
Hawkeye	1,607	31	3,039	4,447	288	0	0	176	233	9,821
Eastern Iowa	2,946	283	4,848	16,876	1,648	92	351	57	2,434	29,535
Kirkwood	4,009	1,488	6,416	19,468	5,962	0	0	49	3,723	41,115
Des Moines Area	6,270	949	9,051	9,490	4,174	0	375	4	240	30,553
Western Iowa Tech	1,909	0	2,313	8,870	4,360	0	169	0	1,894	19,515
Iowa Western	1,571	0	3,196	6,345	12,170	46	50	123	1,316	24,817
Southwestern	488	0	1,370	3,418	2,779	3	0	6	0	8,064
Indian Hills	1,103	18	2,197	9,511	4,146	126	333	14	285	17,733
Southeastern	1,541	0	964	1,948	514	0	15	0	331	5,313
<b>Total</b>	<b>27,140</b>	<b>2,994</b>	<b>46,395</b>	<b>124,154</b>	<b>50,281</b>	<b>690</b>	<b>1,973</b>	<b>591</b>	<b>15,867</b>	<b>270,085</b>
<b>% of Total</b>	<b>10.0</b>	<b>1.1</b>	<b>17.2</b>	<b>46.0</b>	<b>18.6</b>	<b>0.3</b>	<b>0.7</b>	<b>0.2</b>	<b>5.9</b>	<b>100.0</b>

\*Excludes Community Rehabilitation-Sheltered Workshops

**Table 8-8: Non-Credit Enrollment by Program Type**

**2012**

College	State/Federal										Total
	*Adult Basic Education	Secondary Education*	Mandated, Recognized, Court Ordered/Referred	Enhance Employability / Academic Success	Recertification / Relicensure	Community and Public Policy	Family/Individual Development and Health	Adult Learning	Leisure / Recreational		
Northeast Iowa	577	157	4,644	9,735	6,330	237	63	31	546	22,320	
North Iowa Area	819	10	1,298	4,620	3,445	0	0	0	2,047	12,239	
Iowa Lakes	307	0	723	1,436	721	0	34	5	11	3,237	
Northwest	470	0	1,391	7,783	1,719	0	37	0	868	12,268	
Iowa Central	1,553	0	3,074	14,248	0	0	0	0	1,248	20,123	
Iowa Valley	1,582	23	1,219	3,669	1,842	78	992	14	1,041	10,460	
Hawkeye	1,147	11	2,970	3,461	233	0	0	307	387	8,516	
Eastern Iowa	2,181	174	4,599	17,318	2,048	21	178	53	2,292	28,864	
Kirkwood	3,016	973	6,127	20,275	5,569	0	0	574	3,951	40,485	
Des Moines Area	7,313	801	9,140	9,301	3,501	17	195	6	313	30,587	
Western Iowa Tech	2,191	0	2,347	7,354	4,582	13	45	0	1,919	18,451	
Iowa Western	1,613	0	2,729	7,961	9,359	92	11	363	1,183	23,311	
Southwestern	572	0	1,187	3,462	2,218	0	0	0	0	7,439	
Indian Hills	1,480	37	2,337	10,265	4,296	0	561	25	658	19,659	
Southeastern	1,514	0	967	2,283	424	0	0	0	410	5,598	
<b>Total</b>	<b>26,335</b>	<b>2,186</b>	<b>44,752</b>	<b>123,171</b>	<b>46,287</b>	<b>458</b>	<b>2,116</b>	<b>1,378</b>	<b>16,874</b>	<b>263,557</b>	
<b>% of Total</b>	<b>10.0</b>	<b>0.8</b>	<b>17.0</b>	<b>46.7</b>	<b>17.6</b>	<b>0.2</b>	<b>0.8</b>	<b>0.5</b>	<b>6.4</b>	<b>100.0</b>	

\*Excludes Community Rehabilitation-Sheltered Workshops

**Table 8-9: Non-Credit Enrollment by Program Type**

**2013**

College	State/Federal									Total
	*Adult Basic Education	Secondary Education*	Mandated, Recognized, Court Ordered/Referred	Enhance Employability / Academic Success	Recertification / Relicensure	Community and Public Policy	Family/Individual Development and Health	Adult Learning	Leisure / Recreational	
Northeast Iowa	704	114	4,921	11,247	6,652	202	0	107	590	24,537
North Iowa Area	749	9	1,938	4,868	2,747	0	0	0	2,044	12,355
Iowa Lakes	286	0	691	1,702	711	0	17	10	71	3,488
Northwest	468	0	1,544	8,500	1,625	0	27	1	822	12,987
Iowa Central	1,735	0	2,544	14,140	0	0	0	0	447	18,866
Iowa Valley	895	1	1,577	3,253	1,436	171	436	32	913	8,714
Hawkeye	973	4	2,277	4,200	243	0	0	172	408	8,277
Eastern Iowa	2,088	0	4,676	17,901	2,532	90	173	73	1,915	29,448
Kirkwood	3,804	1,535	6,065	21,329	6,132	0	0	1,797	3,888	44,550
Des Moines Area	4,910	807	8,850	7,039	4,087	0	325	3	144	26,165
Western Iowa Tech	1,616	0	2,198	13,391	522	0	14	0	2,333	20,074
Iowa Western	1,219	0	2,095	8,367	7,832	473	114	229	1,140	21,469
Southwestern	450	0	1,491	3,692	1,869	0	0	0	0	7,502
Indian Hills	948	27	2,485	12,007	3,282	56	667	19	266	19,757
Southeastern	1,545	0	1,049	1,859	436	0	10	1	451	5,351
<b>Total</b>	<b>22,390</b>	<b>2,497</b>	<b>44,401</b>	<b>133,495</b>	<b>40,106</b>	<b>992</b>	<b>1,783</b>	<b>2,444</b>	<b>15,432</b>	<b>263,540</b>
<b>% of Total</b>	<b>8.5</b>	<b>0.9</b>	<b>16.8</b>	<b>50.7</b>	<b>15.2</b>	<b>0.4</b>	<b>0.7</b>	<b>0.9</b>	<b>5.9</b>	<b>100.0</b>

\*Excludes Community Rehabilitation-Sheltered Workshops

**Table 8-10: Iowa Course for Drinking Driving**

College	2009		2010		2011		2012		2013		% Average 5 Year Change	
	Contact		Contact		Contact		Contact		Contact		Contact	
	Students	Hours	Students	Hours								
Northeast Iowa	214	3,154	221	3,254	241	3,542	162	2,362	208	3,010	-0.7	-1.2
North Iowa Area	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Lakes	289	4,162	280	4,046	0	0	0	0	0	0	N/A	N/A
Northwest	76	1,049	100	1,380	88	1,211	70	980	70	966	-2.0	-2.0
Iowa Central	386	5,558	412	5,933	333	4,824	351	5,054	330	4,766	-3.8	-3.8
Iowa Valley	171	2,477	155	2,232	133	1,930	150	2,174	140	2,016	-4.9	-5.0
Hawkeye	548	10,588	487	9,401	475	8,897	567	10,407	680	11,618	5.5	2.3
Eastern Iowa	840	11,154	787	10,441	797	10,547	723	9,583	736	9,768	-3.3	-3.3
Kirkwood	2,256	44,796	2,268	44,996	2,172	43,342	2,327	45,661	2,279	45,402	0.3	0.3
Des Moines Area	3,237	101,006	3,147	102,931	2,687	90,835	2,700	89,112	2,466	80,141	-6.6	-5.6
Western Iowa Tech	418	6,019	260	3,744	268	3,874	206	2,966	185	2,722	-18.4	-18.0
Iowa Western	500	7,200	447	6,437	431	6,221	425	6,120	512	7,373	0.6	0.6
Southwestern	207	2,995	189	2,736	219	3,154	174	2,506	152	2,189	-7.4	-7.5
Indian Hills	269	3,228	371	5,230	269	3,888	248	3,432	236	3,130	-3.2	-0.8
Southeastern	87	1,162	79	1,043	70	924	61	805	59	779	-9.3	-9.5
<b>Total</b>	<b>9,498</b>	<b>204,548</b>	<b>9,203</b>	<b>203,804</b>	<b>8,183</b>	<b>183,188</b>	<b>8,164</b>	<b>181,163</b>	<b>8,053</b>	<b>173,879</b>	<b>-4.0</b>	<b>-4.0</b>

**Table 8-11: Iowa Course for Driver Improvement**

College	2009		2010		2011		2012		2013		% Average 5 Year Change	
	Contact		Contact		Contact		Contact		Contact		Contact	
	Students	Hours	Students	Hours								
Northeast Iowa	176	1,690	211	2,045	170	1,661	121	1,162	185	1,776	1.3	1.3
North Iowa Area	130	1,248	108	1,037	101	970	71	682	74	710	-13.1	-13.1
Iowa Lakes	42	403	53	509	39	374	37	355	17	163	-20.2	-20.2
Northwest	88	774	84	739	69	607	69	607	38	334	-18.9	-18.9
Iowa Central	113	1,085	99	950	64	614	75	720	47	451	-19.7	-19.7
Iowa Valley	135	1,296	127	1,219	79	768	98	941	76	730	-13.4	-13.4
Hawkeye	221	1,856	235	1,974	181	1,520	154	1,294	0	0	N/A	N/A
Eastern Iowa	436	3,846	428	3,775	341	3,001	274	2,411	324	2,851	-7.2	-7.2
Kirkwood	490	4,287	494	4,298	401	3,489	307	2,688	308	2,714	-11.0	-10.8
Des Moines Area	1,218	13,114	1,107	12,010	1,001	10,800	971	10,118	834	8,592	-9.0	-10.0
Western Iowa Tech	188	1,834	210	2,016	164	1,596	118	1,142	97	931	-15.2	-15.6
Iowa Western	149	1,440	132	1,267	123	1,181	88	845	71	682	-16.9	-17.1
Southwestern	103	998	65	624	60	576	42	403	53	509	-15.3	-15.5
Indian Hills	196	1,576	175	1,654	112	1,075	85	410	66	634	-23.8	-20.4
Southeastern	154	1,364	140	1,232	100	880	92	810	72	634	-17.3	-17.4
<b>Total</b>	<b>3,839</b>	<b>36,810</b>	<b>3,668</b>	<b>35,349</b>	<b>3,005</b>	<b>29,112</b>	<b>2,602</b>	<b>24,588</b>	<b>2,262</b>	<b>21,711</b>	<b>-12.4</b>	<b>-12.4</b>

**Table 8-12: Community Rehabilitation Program (Sheltered Workshop)\***

College	2009		2010		2011		2012		2013		% Average 5 Year Change*		
	Contact		Contact		Contact		Contact		Contact		Students	Hours	
	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours			
Northeast Iowa	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
North Iowa Area	199	51,240	19	4,200	20	4,080	18	2,700	24	4,980	-41.1	-44.2	
Iowa Lakes	58	13,320	0	0	0	0	0	0	0	0	N/A	N/A	
Northwest	0	0	0	0	116	28,980	111	34,620	124	9,420	N/A	N/A	
Iowa Central	33	8,640	31	8,352	0	0	0	0	0	0	N/A	N/A	
Iowa Valley	64	16,848	62	13,980	60	13,980	58	13,320	45	10,320	-8.4	-11.5	
Hawkeye	33	1,566	36	1,924	38	3,931	33	4,551	0	0	N/A	N/A	
Eastern Iowa	104	22,380	113	22,260	92	20,400	98	19,260	80	18,000	-6.3	-5.3	
Kirkwood	0	0	0	0	0	0	0	0	0	0	N/A	N/A	
Des Moines Area	0	0	0	0	0	0	0	0	0	0	N/A	N/A	
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0	N/A	N/A	
Iowa Western	142	27,540	92	16,980	73	13,980	60	12,240	54	10,620	-21.5	-21.2	
Southwestern	66	13,980	71	13,800	97	18,780	91	18,360	90	18,720	8.1	7.6	
Indian Hills	114	24,180	44	5,760	24	5,160	24	5,520	21	4,380	-34.5	-34.8	
Southeastern	0	0	0	0	0	0	0	0	0	0	N/A	N/A	
<b>Total</b>	<b>813</b>	<b>179,694</b>	<b>468</b>	<b>87,256</b>	<b>520</b>	<b>109,291</b>	<b>493</b>	<b>110,571</b>	<b>438</b>	<b>76,440</b>	<b>-14.3</b>	<b>-19.2</b>	

\*Includes ABE Sheltered Workshops. "N/A" is used when at least one year has zero enrollment, thus making five-year average changes misleading.

**Table 8-13: Mine Safety and Health Administration (MSHA)**

College	2009		2010		2011		2012		2013		% Average 5 Year Change*	
	Contact		Contact		Contact		Contact		Contact		Students	Hours
	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours		
Northeast Iowa	794	7,661	126	1,210	129	1,238	416	7,190	250	4,358	-25.1	-13.2
North Iowa Area	215	2,093	14	134	31	298	71	871	36	346	-36.0	-36.3
Iowa Lakes	0	0	15	144	33	470	24	230	19	182	N/A	N/A
Northwest	20	184	58	570	36	331	33	304	71	653	37.3	37.3
Iowa Central	197	2,478	19	182	75	720	208	2,169	158	1,684	-5.4	-9.2
Iowa Valley	74	998	41	344	6	58	18	173	72	556	-0.7	-13.6
Hawkeye	0	0	197	1,500	0	0	0	0	0	0	N/A	N/A
Eastern Iowa	132	1,593	159	1,927	201	2,182	172	1,954	150	1,549	3.2	-0.7
Kirkwood	177	2,105	0	0	68	766	36	315	18	157	N/A	N/A
Des Moines Area	356	3,528	22	230	16	154	15	144	7	67	-62.6	-62.8
Western Iowa Tech	59	496	0	0	3	29	0	0	0	0	N/A	N/A
Iowa Western	0	0	4	38	10	246	0	0	13	437	N/A	N/A
Southwestern	0	0	0	0	2	58	0	0	0	0	N/A	N/A
Indian Hills	116	1,110	8	173	8	154	0	0	0	0	N/A	N/A
Southeastern	22	194	24	211	40	449	119	1,302	20	194	-2.4	0.0
<b>Total</b>	<b>2,162</b>	<b>22,440</b>	<b>687</b>	<b>6,665</b>	<b>658</b>	<b>7,152</b>	<b>1,112</b>	<b>14,652</b>	<b>814</b>	<b>10,182</b>	<b>-21.7</b>	<b>-17.9</b>

\*"N/A" is used when at least one year has zero enrollment, thus making five-year average changes misleading.

**Table 8-14: Used Motor Vehicle Dealer Education\***

College	2009		2010		2011		2012		2013		% Average 5 Year Change	
	Contact		Contact		Contact		Contact		Contact		Change	
	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours
Northeast Iowa	177	1,174	0	0	146	876	0	0	147	888	N/A	N/A
North Iowa Area	96	608	14	84	92	552	17	102	74	444	-6.3	-7.6
Iowa Lakes	59	337	0	0	21	126	0	0	36	216	N/A	N/A
Northwest	51	303	48	278	29	168	22	128	44	255	-3.6	-4.2
Iowa Central	64	402	0	0	86	516	0	0	40	240	N/A	N/A
Iowa Valley	84	580	4	24	71	426	0	0	43	258	N/A	N/A
Hawkeye	33	175	13	78	96	576	24	134	112	654	35.7	39.1
Eastern Iowa	68	407	0	0	104	572	0	0	112	633	N/A	N/A
Kirkwood	145	859	19	142	231	1,393	78	524	156	927	1.8	1.9
Des Moines Area	0	0	326	2,693	394	3,001	236	1,949	469	3,563	N/A	N/A
Western Iowa Tech	84	533	7	42	70	420	0	0	74	444	N/A	N/A
Iowa Western	72	547	31	186	45	270	0	0	92	497	N/A	N/A
Southwestern	55	373	0	0	53	318	0	0	81	486	N/A	N/A
Indian Hills	111	603	22	132	104	639	18	90	55	330	-16.1	-14.0
Southeastern	86	503	38	503	27	149	15	83	87	479	0.3	-1.2
<b>Total</b>	<b>1,185</b>	<b>7,403</b>	<b>522</b>	<b>4,162</b>	<b>1,569</b>	<b>10,002</b>	<b>410</b>	<b>3,009</b>	<b>1,622</b>	<b>10,313</b>	<b>8.2</b>	<b>8.6</b>

**Table 8-15: Corrections Non-Credit Enrollment and Contact Hours\***

College	2009		2010		2011		2012		2013		% Average 5 Year Change*	
	Contact		Contact		Contact		Contact		Contact		Change*	
	Students	Hours	Students	Hours								
Northeast Iowa	0	0	0	0	0	0	0	0	0	0	N/A	N/A
North Iowa Area	17	1,860	20	2,040	18	1,620	16	1,620	18	1,860	1.4	0.0
Iowa Lakes	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Northwest	53	4,440	86	7,920	67	5,880	0	0	0	0	N/A	N/A
Iowa Central	756	100,565	465	58,303	681	112,534	784	125,623	636	100,976	-4.2	0.1
Iowa Valley	0	0	41	2,640	70	4,740	68	10,573	65	15,960	N/A	N/A
Hawkeye	111	2,495	103	1,501	45	1,502	56	1,075	4	156	-56.4	-50.0
Eastern Iowa	116	7,980	102	77,401	121	9,120	88	7,440	115	8,460	-0.2	1.5
Kirkwood	606	68,340	721	80,700	656	68,760	533	56,280	631	79,200	1.0	3.8
Des Moines Area	125	10,110	402	17,544	482	23,629	578	33,424	618	34,067	49.1	35.5
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Western	319	44,800	313	42,360	349	44,580	319	44,460	312	41,340	-0.6	-2.0
Southwestern	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Indian Hills	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Southeastern	1,009	125,700	873	110,940	597	81,720	679	84,540	715	81,420	-8.3	-10.3
<b>Total</b>	<b>3,112</b>	<b>366,290</b>	<b>3,126</b>	<b>401,349</b>	<b>3,086</b>	<b>354,084</b>	<b>3,121</b>	<b>365,036</b>	<b>3,114</b>	<b>363,438</b>	<b>0.0</b>	<b>-0.2</b>

Note: \*Subset of MIS total enrollment. "N/A" is used when at least one year has zero enrollment, thus making five-year average changes misleading.

**Table 8-16: Online Non-Credit Enrollment and Contact Hours**

College	2009		2010		2011		2012		2013		% Average 5 Year Change	
	Students	Contact	Students	Contact	Students	Contact	Students	Contact	Students	Contact	Students	Contact
		Hours		Hours		Hours		Hours		Hours		Hours
Northeast Iowa	86	4,424	149	8,909	416	7,364	247	7,460	217	9,251	26.0	20.2
North Iowa Area	6,459	26,891	9,627	49,577	81	2,305	70	2,386	106	2,810	-64.2	-43.1
Iowa Lakes	87	2,515	49	1,378	59	1,637	69	1,992	79	2,061	-2.4	-4.9
Northwest	49	1,426	0	0	25	2,220	69	3,907	113	4,713	N/A	N/A
Iowa Central	384	3,696	527	3,890	712	5,632	526	4,940	0	0	N/A	N/A
Iowa Valley	193	7,760	155	6,202	179	5,998	128	5,429	160	4,569	-4.6	-12.4
Hawkeye	43	1,518	49	1,779	118	2,810	126	3,677	181	5,006	43.2	34.8
Eastern Iowa	658	35,013	853	35,899	1,211	29,496	701	32,588	688	28,980	1.1	-4.6
Kirkwood	987	36,349	627	37,167	893	58,808	1,232	66,607	1,372	74,762	8.6	19.8
Des Moines Area	0	0	588	19,530	1,553	31,234	97	23,266	1,234	26,360	N/A	N/A
Western Iowa Tech	336	1,612	320	1,515	467	1,840	340	1,148	450	1,541	7.6	-1.1
Iowa Western	716	14,324	752	17,567	761	14,432	885	1,523	1,066	22,616	10.5	12.1
Southwestern	24	2,216	15	1,800	48	6,023	72	1,747	9	576	-21.7	-28.6
Indian Hills	139	2,256	79	2,451	58	2,826	89	3,220	112	3,184	-5.3	9.0
Southeastern	187	10,035	160	7,171	167	7,585	131	5,864	151	4,897	-5.2	-16.4
<b>Total</b>	<b>10,348</b>	<b>150,037</b>	<b>13,950</b>	<b>194,834</b>	<b>6,748</b>	<b>180,210</b>	<b>4,782</b>	<b>165,754</b>	<b>5,938</b>	<b>191,326</b>	<b>-13.0</b>	<b>6.3</b>

**Table 8-17: Community and Public Policy**

College	2009		2010		2011		2012		2013		% Average 5 Year Change*	
	Students	Contact	Students	Contact	Students	Contact	Students	Contact	Students	Contact	Students	Contact
		Hours		Hours		Hours		Hours		Hours		Hours
Northeast Iowa	87	509	90	504	132	1,146	237	2,133	202	1,732	23.4	35.8
North Iowa Area	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Lakes	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Northwest	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Central	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Valley	396	8,242	374	8,297	291	5,833	78	4,946	171	5,962	-18.9	-7.8
Hawkeye	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Eastern Iowa	61	2,952	41	1,232	92	2,167	21	1,260	90	2,744	10.2	-1.8
Kirkwood	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Des Moines Area	0	0	0	0	0	0	17	1,224	0	0	N/A	N/A
Western Iowa Tech	76	364	0	0	0	0	13	31	0	0	N/A	N/A
Iowa Western	0	0	88	708	46	583	92	392	473	1,956	N/A	N/A
Southwestern	0	0	0	0	3	11	0	0	0	0	N/A	N/A
Indian Hills	135	619	30	130	126	605	0	0	56	178	N/A	N/A
Southeastern	0	0	0	0	0	0	0	0	0	0	N/A	N/A
<b>Total</b>	<b>755</b>	<b>12,685</b>	<b>623</b>	<b>10,871</b>	<b>690</b>	<b>10,344</b>	<b>458</b>	<b>9,987</b>	<b>992</b>	<b>12,573</b>	<b>7.1</b>	<b>-0.2</b>

\*"N/A" is used when at least one year has zero enrollment, thus making five-year average changes misleading.

**Table 8-18: State/Federal Mandated, Recognized, Court Ordered Non-Credit Enrollment and Contact Hours**

College	2009		2010		2011		2012		2013		% Average 5 Year Change	
	Students	Contact	Students	Contact								
		Hours		Hours								
Northeast Iowa	5,541	69,234	5,221	77,098	5,472	77,743	4,644	79,901	4,921	83,659	-2.9	4.8
North Iowa Area	2,564	19,098	2,596	14,530	1,520	10,839	1,298	9,131	1,938	11,755	-6.8	-11.4
Iowa Lakes	1,179	10,190	1,168	10,750	785	5,834	723	5,926	691	6,534	-12.5	-10.5
Northwest	1,713	10,469	1,792	11,650	1,631	9,389	1,391	8,703	1,544	9,076	-2.6	-3.5
Iowa Central	2,686	42,026	2,488	43,154	3,181	43,885	3,074	42,428	2,544	35,887	-1.3	-3.9
Iowa Valley	1,892	16,685	1,438	12,167	1,493	10,417	1,219	10,375	1,577	11,279	-4.5	-9.3
Hawkeye	3,444	38,608	3,837	43,912	3,513	42,523	2,970	33,784	2,277	28,062	-9.8	-7.7
Eastern Iowa	8,397	51,004	5,204	40,022	5,206	39,677	4,599	35,539	4,676	38,798	-13.6	-6.6
Kirkwood	7,502	141,303	6,101	144,490	6,450	130,308	6,127	136,536	6,065	134,870	-5.2	-1.2
Des Moines Area	9,100	201,422	9,828	192,845	9,051	172,094	9,140	172,050	8,850	164,614	-0.7	-4.9
Western Iowa Tech	2,851	37,460	2,183	36,247	2,313	34,390	2,347	32,524	2,198	33,808	-6.3	-2.5
Iowa Western	3,304	36,885	3,828	38,968	3,518	34,246	2,729	33,070	2,095	29,427	-10.8	-5.5
Southwestern	2,075	13,666	2,172	14,435	1,959	14,464	1,187	10,086	1,491	12,529	-7.9	-2.1
Indian Hills	2,092	15,183	2,911	15,556	2,241	15,744	2,337	16,403	2,485	19,984	4.4	7.1
Southeastern	1,054	10,205	1,143	10,146	964	9,976	967	9,435	1,049	9,863	-0.1	-0.8
<b>Total</b>	<b>55,394</b>	<b>713,439</b>	<b>51,910</b>	<b>705,971</b>	<b>49,297</b>	<b>651,527</b>	<b>44,752</b>	<b>635,890</b>	<b>44,401</b>	<b>630,147</b>	<b>-5.4</b>	<b>-3.1</b>

**Table 8-19: Non-Credit Skill Enhancement Enrollment by Federal Career Cluster by College**

**2012**

	North east	North Iowa Area	Iowa Lakes	North west	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	South western	Indian Hills	South eastern	Total
Agriculture, Food and Natural Resources	226	102	2	450	720	757	0	118	808	361	50	92	129	297	0	4,112
Architecture and Construction	159	48	44	111	100	228	138	261	130	1,372	145	147	0	227	95	3,205
Arts, A/V Technology and Communication:	165	5	7	4	43	58	0	88	196	158	0	15	6	34		779
Business, Management and Administratior	1,470	1,230	373	380	644	354	858	1,331	2,574	1,613	845	856	347	1,085	993	14,953
Education and Training	28	1	16	49	859	575	0	100	364	206	9	557	39	16	23	2,842
Finance	13	0	0	206	104	49	0	0	0	572	3	51	26	357	26	1,407
Government and Public Administration	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	6,332	2,910	535	4,660	7,610	874	1,396	9,273	7,411	2,409	3,832	4,195	1,942	4,746	565	58,690
Hospitality and Tourism	0	0	0	0	578	0	0	10	0	16	0	4	0	25	0	633
Human Services	266	64	43	708	97	246	6	240	173	730	57	739	436	195	22	4,022
Information Technology	2	0	3	0	1	0	6	6	127	11	0	0	1	2	4	163
Law, Public Safety and Security	324	79	328	180	1,359	26	120	350	1,499	148	998	416	196	259	13	6,295
Manufacturing	220	40	60	402	1,051	84	407	2,777	4,197	223	1,030	111	130	723	391	11,846
Marketing, Sales and Service	71	3	6	0	59	42	0	51	7	201	0	125	52	108	8	733
Science, Technology, Engineering and Mathematics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30
Transportation, Distribution and Logistics	157	84	0	168	309	138	360	120	2,244	787	133	63	20	179	48	4,810
Not a Clustered CIP	24	2	1	0	0	144	0	2231	13	158	118	351	0	1720	1	4,763
<b>Total</b>	<b>9,457</b>	<b>4,568</b>	<b>1,418</b>	<b>7,318</b>	<b>13,534</b>	<b>3,575</b>	<b>3,291</b>	<b>16,956</b>	<b>19,743</b>	<b>8,965</b>	<b>7,220</b>	<b>7,722</b>	<b>3,324</b>	<b>9,973</b>	<b>2,219</b>	<b>119,283</b>

Note: Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

**Table 8-20: Non-Credit Skill Enhancement Enrollment by Federal Career Cluster by College**

**2013**

	North east	North Iowa Area	Iowa Lakes	North west	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	South western	Indian Hills	South eastern	Total
Agriculture, Food and Natural Resources	45	213	2	857	223	433	0	130	610	406	37	168	240	200	17	3,581
Architecture and Construction	221	5	233	367	131	169	287	319	260	977	37	192	0	214	12	3,424
Arts, A/V Technology and Communication:	128	4	4	4	28	94	1	37	182	144	0	2	2	8	0	638
Business, Management and Administrator	1,706	806	426	526	952	648	869	1,189	2,163	1,306	3,242	882	467	2,266	711	18,159
Education and Training	8	1	34	57	1,083	268	0	77	249	233	7	721	19	2	21	2,780
Finance	44	18	1	0	105	45	4	28	31	186	3	111	13	195	74	858
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	7,233	3,338	522	5,014	7,557	872	1,512	8,876	8,089	2,057	7,338	4,662	2,184	5,074	672	65,000
Hospitality and Tourism	0	0	0	0	33	0	0	0	0	10	0	0	0	0	0	43
Human Services	330	165	44	466	59	164	0	411	134	381	17	550	438	363	10	3,532
Information Technology	54	0	0	1	0	9	0	8	108	14	0	5	5	23	7	234
Law, Public Safety and Security	486	33	202	115	1,434	61	166	469	1,507	59	953	447	138	280	1	6,351
Manufacturing	343	54	39	387	914	175	348	2,880	5,111	239	802	171	41	774	180	12,458
Marketing, Sales and Service	0	0	25	0	119	34	26	60	25	33	0	68	1	100	13	504
Science, Technology, Engineering and Mathematics	0	0	0	0	0	0	0	0	0	19	0	0	0	0	7	26
Transportation, Distribution and Logistics	16	161	111	202	308	106	681	78	2,242	643	71	67	8	122	57	4,873
Not a Clustered CIP	265	0	38	0	0	90	8	2964	30	75	0	42	0	1785	0	5,297
<b>Total</b>	<b>10,879</b>	<b>4,798</b>	<b>1,681</b>	<b>7,996</b>	<b>12,946</b>	<b>3,168</b>	<b>3,902</b>	<b>17,526</b>	<b>20,741</b>	<b>6,782</b>	<b>12,507</b>	<b>8,088</b>	<b>3,556</b>	<b>11,406</b>	<b>1,782</b>	<b>127,758</b>

Note: Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

**Table 8-21: Non-Credit Skill Enhancement Contact Hours by Federal Career Cluster by College**

**2012**

	Northwest	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	1,817	1,028	5	2,491	6,323	4,856	0	1,231	12,608	3,982	672	1,843	872	3,852	0	41,580
Architecture and Construction	5,879	2,279	529	1,454	2,857	38,754	4,551	23,120	3,519	47,767	881	4,326	0	2,101	3011	141,028
Arts, A/V Technology and Communications	999	144	240	96	1,315	740	0	1,285	5,631	5,083	0	104	29	413	0	16,079
Business, Management and Administration	17,240	13,886	2,968	2,436	6,627	3,121	7,721	29,286	42,786	34,510	7,187	13,773	4,123	16,471	12,793	214,928
Education and Training	1,526	29	235	382	7,082	6,835	0	2,300	8,866	3,145	360	6,212	166	93	396	37,627
Finance	585	0	0	3,461	561	641	0	0	0	4,872	7	325	70	3,299	178	13,999
Government and Public Administration	0	0	0	0	0	78	0	21	17	13	92	0	0	0	0	221
Health Science	89,462	17,858	12,856	26,070	60,950	36,793	18,085	168,767	88,312	76,225	22,715	106,967	48,479	19,087	12,222	804,848
Hospitality and Tourism	0	0	0	0	3,437	0	0	693	0	540	0	72	0	210	0	4,952
Human Services	3,484	125	709	6,922	884	3,156	331	2,597	1,007	6,435	858	11,271	7,907	1,479	1,265	48,430
Information Technology	360	0	0	0	192	0	0	29	40	202	5,608	432	58	58	158	7,137
Law, Public Safety and Security	5,604	3,208	6,319	7,363	12,052	2,046	7,048	12,294	12,654	10,832	20,278	9,068	2,495	2,785	114	114,160
Manufacturing	8,346	410	875	3,520	10,736	1,937	5,751	43,400	38,563	17,906	22,592	2,198	4,820	12,827	11,906	185,787
Marketing, Sales and Service	1,687	7	58	0	484	462	0	328	163	7140	0	691	159	464	792	12,435
Science, Technology, Engineering and Mathematics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1642	1,642
Transportation, Distribution and Logistics	1,440	3,583		1,210	117,165	1,205	3,638	3,827	221,710	59,239	27,809	873	179	1,279	4,593	447,750
Not a Clustered CIP	1,066	300	24	0	0	951	0	42,522	360	5,099	323	7057	0	18,775	26	76,503
<b>Total</b>	<b>139,495</b>	<b>42,857</b>	<b>24,818</b>	<b>55,405</b>	<b>230,665</b>	<b>#####</b>	<b>47,125</b>	<b>331,700</b>	<b>436,236</b>	<b>282,990</b>	<b>109,382</b>	<b>165,212</b>	<b>69,357</b>	<b>83,193</b>	<b>49,096</b>	<b>2,169,106</b>

Note: Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

**Table 8-22: Non-Credit Skill Enhancement Contact Hours by Federal Career Cluster by College**

**2013**

	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	1,258	2,186	14	4,102	2,275	3,482	0	1,948	11,285	3,509	823	9,081	1,060	1,398	64	42,486
Architecture and Construction	7,016	180	339	3,491	7,372	7,909	4,569	17,877	6,664	45,193	1,793	6,009	0	1,487	528	110,426
Arts, A/V Technology and Communications	1,068	144	96	96	698	1,140	29	899	5,181	4,608	0	58	58	76	0	14,150
Business, Management and Administration	20,777	11,701	3,770	5,835	7,589	3,897	8,509	22,083	33,853	28,667	41,521	17,214	3,386	26,215	10,516	245,532
Education and Training	432	58	331	586	8,272	1,608	0	1,856	6,157	3,540	288	9,796	254	86	654	33,918
Finance	646	65	24	0	720	299	115	50	56	1,232	7	430	23	1,009	416	5,092
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	101,575	17,420	11,471	41,629	63,302	33,201	16,659	159,988	88,102	32,657	61,138	104,830	45,791	22,902	11,213	811,878
Hospitality and Tourism	0	0	0	0	8,525	0	0	0	0	504	0	0	0	0	0	9,029
Human Services	4,242	356	1,039	6,024	774	1,864	0	4,494	1,316	5,805	82	6,275	4,423	2,190	671	39,555
Information Technology	3,005	0	0	24	0	184	0	259	5,019	634	0	12	259	220	211	9,826
Law, Public Safety and Security	10,000	864	1,884	5,007	17,412	1,162	8,726	15,226	10,813	5,700	23,393	14,044	5,027	2,963	26	122,245
Manufacturing	21,943	1,105	416	3,335	17,525	8,490	4,638	33,291	38,342	16,614	65,354	6,301	1,255	9,839	13,765	242,213
Marketing, Sales and Service	0	0	130	0	2179	312	47	460	850	373	0	423	29	567	52	5,422
Science, Technology, Engineering and Mathematics	0	0	0	0	0	0	0	0	0	479	0	0	0	0	123	602
Transportation, Distribution and Logistics	86	15,744	10,656	3,048	93,649	700	108,931	5,659	219,149	57,787	15,514	697	72	817	7,907	540,416
Not a Clustered CIP	7,282	0	181	0	0	706	36	21,823	442	2,161	0	490	0	21,686	0	54,804
<b>Total</b>	<b>179,330</b>	<b>49,823</b>	<b>30,350</b>	<b>73,179</b>	<b>230,292</b>	<b>64,952</b>	<b>152,259</b>	<b>285,912</b>	<b>427,227</b>	<b>209,463</b>	<b>209,913</b>	<b>175,659</b>	<b>61,637</b>	<b>91,453</b>	<b>46,146</b>	<b>2,287,595</b>

Note: Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

**Table 8-23: Non-Credit Skill Enhancement Enrollment by Gender by College** **2012**

College	Male, N	Male, %	Female, N	Female, %	Unknown, N	Unknown, %	Total
Northeast	3,568	38.8	5,062	55.1	564	6.1	9,194
North Iowa Area	1,779	41.0	2,558	59.0	0	0.0	4,337
Iowa Lakes	707	51.0	659	47.5	20	1.4	1,386
Northwest	1,837	27.4	2,375	35.5	2,483	37.1	6,695
Iowa Central	3,478	27.8	4,661	37.3	4,364	34.9	12,503
Iowa Valley	1,075	30.7	1,407	40.2	1,017	29.1	3,499
Hawkeye	1,265	39.9	1,907	60.1	2	0.1	3,174
Eastern Iowa	2,615	16.3	3,420	21.4	9,970	62.3	16,005
Kirkwood	8,588	45.2	5,582	29.4	4,815	25.4	18,985
Des Moines Area	4,640	53.4	4,043	46.6	0	0.0	8,683
Western Iowa Tech	3,503	50.8	2,731	39.6	668	9.7	6,902
Iowa Western	2,411	32.9	4,158	56.8	757	10.3	7,326
Southwestern	972	30.7	2,182	68.9	15	0.5	3,169
Indian Hills	3,210	34.9	4,129	44.9	1,848	20.1	9,187
Southeastern	1,119	51.7	999	46.1	48	2.2	2,166
<b>Total</b>	<b>40,767</b>	<b>36.0</b>	<b>45,873</b>	<b>40.5</b>	<b>26,571</b>	<b>23.5</b>	<b>113,211</b>

**Table 8-24: Non-Credit Skill Enhancement Enrollment by Gender by College** **2013**

College	Male, N	Male, %	Female, N	Female, %	Unknown, N	Unknown, %	Total
Northeast	3,428	33.6	5,038	49.4	1,727	16.9	10,193
North Iowa Area	1,967	42.3	2,685	57.7	1	0.0	4,653
Iowa Lakes	809	50.7	773	48.4	15	0.9	1,597
Northwest	2,271	30.6	2,651	35.8	2,493	33.6	7,415
Iowa Central	3,894	32.9	4,600	38.9	3,325	28.1	11,819
Iowa Valley	909	29.4	1,412	45.7	767	24.8	3,088
Hawkeye	1,740	46.7	1,982	53.3	0	0.0	3,722
Eastern Iowa	3,615	21.7	4,536	27.2	8,518	51.1	16,669
Kirkwood	10,329	52.2	6,060	30.6	3,407	17.2	19,796
Des Moines Area	3,646	54.8	3,008	45.2	0	0.0	6,654
Western Iowa Tech	5,244	44.3	5,538	46.8	1,054	8.9	11,836
Iowa Western	2,479	32.1	4,204	54.5	1,032	13.4	7,715
Southwestern	1,118	32.2	2,314	66.6	45	1.3	3,477
Indian Hills	3,685	36.3	4,813	47.4	1,658	16.3	10,156
Southeastern	698	40.3	1,021	58.9	13	0.8	1,732
<b>Total</b>	<b>45,832</b>	<b>38.0</b>	<b>50,635</b>	<b>42.0</b>	<b>24,055</b>	<b>20.0</b>	<b>120,522</b>

**Table 8-25: Non-Credit Skill Enhancement Enrollment by Race/Ethnicity by College**

College	Asian or Pacific					Two or more races	No Response	Total
	American Indian	Islander	Black	Hispanic	White			
Northeast	1	0	0	15	86	0	9092	9,194
North Iowa Area	6	7	22	30	1991	0	2281	4,337
Iowa Lakes	3	3	10	16	1001	0	353	1,386
Northwest	6	3	3	24	2413	11	4235	6,695
Iowa Central	8	27	319	143	4000	0	6990	11,487
Iowa Valley	17	14	12	71	921	4	2460	3,499
Hawkeye	7	21	167	79	2781	12	107	3,174
Eastern Iowa	32	74	436	295	4332	45	10791	16,005
Kirkwood	0	0	0	0	0	0	18985	18,985
Des Moines Area	14	91	251	142	6107	27	2051	8,683
Western Iowa Tech	49	27	67	209	2344	38	4168	6,902
Iowa Western	37	22	102	110	3794	10	3251	7,326
Southwestern	4	14	107	34	2497	5	508	3,169
Indian Hills	23	57	105	113	5183	18	3688	9,187
Southeastern	3	6	37	20	870	7	1223	2,166
<b>Total</b>	<b>210</b>	<b>366</b>	<b>1,638</b>	<b>1,301</b>	<b>38,320</b>	<b>177</b>	<b>70,183</b>	<b>112,195</b>

**Table 8-26: Non-Credit Skill Enhancement Enrollment by Race/Ethnicity by College**

College	Asian or Pacific					Two or more races	No Response	Total
	American Indian	Islander	Black	Hispanic	White			
Northeast	0	6	7	33	491	3	9653	10,193
North Iowa Area	5	5	22	46	2301	0	2274	4,653
Iowa Lakes	6	4	12	17	1185	0	373	1,597
Northwest	12	4	6	40	2704	11	4638	7,415
Iowa Central	20	28	431	166	4228	0	6946	11,819
Iowa Valley	6	4	20	85	948	7	2018	3,088
Hawkeye	13	37	370	111	3031	56	104	3,722
Eastern Iowa	64	91	652	463	5568	94	9737	16,669
Kirkwood	0	0	0	0	0	0	19796	19,796
Des Moines Area	8	67	297	160	4785	37	1300	6,654
Western Iowa Tech	93	46	113	336	4621	33	6594	11,836
Iowa Western	28	28	128	145	3712	12	3662	7,715
Southwestern	4	15	164	62	2321	7	904	3,477
Indian Hills	40	40	159	138	5552	34	4193	10,156
Southeastern	5	7	43	13	0	854	810	1,732
<b>Total</b>	<b>304</b>	<b>382</b>	<b>2,424</b>	<b>1,815</b>	<b>41,447</b>	<b>1,148</b>	<b>73,002</b>	<b>120,522</b>



# 9

## TABLES, ADULT LITERACY ENROLLMENT AND PROGRAMS

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**Table 9-1. Adult Literacy Enrollment - MIS\***

College	2009	2010	2011	2012	2013	% Average 5 year Change
Northeast Iowa	1,267	927	859	577	704	-13.7
North Iowa Area	1,077	1,109	840	819	749	-8.7
Iowa Lakes	352	308	329	307	286	-5.1
Northwest	917	1,062	924	470	468	-15.5
Iowa Central	2,167	1,859	1,689	1,553	1,735	-5.4
Iowa Valley	1,047	1,118	1,055	1,582	895	-3.8
Hawkeye	1,039	992	1,607	1,447	973	-1.6
Eastern Iowa	3,297	3,334	2,946	2,181	2,088	-10.8
Kirkwood	4,291	4,107	4,009	3,016	3,804	-3.0
Des Moines Area	5,177	6,790	6,270	7,313	4,910	-1.3
Western Iowa Tech	1,505	1,454	1,909	2,191	1,616	1.8
Iowa Western	1,748	1,742	1,571	1,613	1,219	-8.6
Southwestern	450	491	488	572	450	0.0
Indian Hills	1,527	1,424	1,103	1,480	948	-11.2
Southeastern	2,153	2,043	1,541	1,514	1,545	-8.0
Total	28,014	28,760	27,140	26,635	22,390	-5.4

\*Includes CIPs 32010100, 32010900, 32010910, 32010500, 53020100. Numbers do not include Community Rehabilitation Sheltered Workshops.

**Table 9-2. Basic Skills and Developmental/Remedial Education\***

College	2009	2010	2011	2012	2013	% Average 5 year Change
Northeast Iowa	847	556	529	352	213	-29.2
North Iowa Area	631	714	479	421	371	-12.4
Iowa Lakes	14	0	0	0	0	-100.0
Northwest	672	735	649	130	124	-34.5
Iowa Central	503	326	222	505	445	-3.0
Iowa Valley	41	40	38	200	162	41.0
Hawkeye	167	161	697	372	228	8.1
Eastern Iowa	2,260	2,410	2,210	1,628	1,613	-8.1
Kirkwood	2,045	1,989	2,055	1,530	1,867	-2.3
Des Moines Area	2,156	3,440	3,178	3,595	1,984	-2.1
Western Iowa Tech	20	0	0	503	0	-100.0
Iowa Western	720	716	445	535	415	-12.9
Southwestern	275	380	93	169	148	-14.3
Indian Hills	699	657	546	280	331	-17.0
Southeastern	777	760	255	313	360	-17.5
Total	11,827	12,884	11,396	10,533	8,261	-8.6

\*CIP codes 32010100 and 32019900

**Table 9-3. High School Equivalence Certificate Program\***

College	2009	2010	2011	2012	2013	% Average 5 year Change
Northeast Iowa	230	201	184	157	395	14.5
North Iowa Area	355	351	296	346	301	-4.0
Iowa Lakes	260	259	313	253	242	-1.8
Northwest	127	191	137	152	219	14.6
Iowa Central	1,095	963	969	606	859	-5.9
Iowa Valley	493	589	539	401	428	-3.5
Hawkeye	649	617	763	828	446	-9.0
Eastern Iowa	478	448	327	307	196	-20.0
Kirkwood	1,812	1,903	1,832	1,321	1,400	-6.2
Des Moines Area	1,622	1,976	1,043	2,265	1,014	-11.1
Western Iowa Tech	866	823	1,976	932	892	0.7
Iowa Western	833	863	995	942	655	-5.8
Southwestern	73	8	327	306	262	37.6
Indian Hills	498	501	342	541	465	-1.7
Southeastern	1,267	1,226	1,242	1,161	1,141	-2.6
Total	10,658	10,919	11,285	10,518	8,915	-4.4

\*CIP codes 53020100

**Table 9-4. Second Language Learning\***

College	2009	2010	2011	2012	2013	% Average 5 year Change
Northeast Iowa	190	170	146	68	96	-15.7
North Iowa Area	111	62	62	45	77	-8.7
Iowa Lakes	78	49	16	54	44	-13.3
Northwest	118	106	138	188	125	1.5
Iowa Central	592	597	498	442	431	-7.6
Iowa Valley	513	489	478	353	305	-12.2
Hawkeye	223	214	147	248	299	7.6
Eastern Iowa	559	486	409	246	279	-15.9
Kirkwood	794	590	480	406	537	-9.3
Des Moines Area	2,303	2,327	2,049	2,151	1,912	-4.5
Western Iowa Tech	619	631	723	756	724	4.0
Iowa Western	195	163	131	136	149	-6.5
Southwestern	102	103	68	62	40	-20.9
Indian Hills	330	266	215	204	152	-17.6
Southeastern	109	58	44	40	44	-20.3
Total	6,836	6,311	5,604	5,399	5,214	-6.5

\*CIP codes 32010900 and 32010910

**Table 9-5. ABE by Type of Program\***

Program Type	2009	2010	2011	2012	2013	% Average 5 year Change
Basic Skills and Developmental/Remedial Education	11,827	12,884	11,396	10,533	8,261	-8.6
High School Equivalence Certificate Program	10,658	10,919	11,285	10,518	8,915	-4.4
Second Language Learning	6,836	6,311	5,604	5,399	5,214	-6.5
Total	29,321	30,114	28,285	26,450	22,390	-6.5

\*Excludes Sheltered Workshops

**Table 9-6. Adult Education and Literacy Total Enrollment - NRS**

College	2009	2010	2011	2012	2013	% Average 5 year Change
Northeast Iowa	430	341	374	257	400	-1.8
North Iowa Area	291	298	164	143	159	-14.0
Iowa Lakes	86	117	10	126	130	10.9
Northwest	158	182	213	205	84	-14.6
Iowa Central	558	600	697	615	614	2.4
Iowa Valley	636	664	651	559	489	-6.4
Hawkeye	671	647	767	791	703	1.2
Eastern Iowa	947	1,172	1,291	1,276	1,119	4.3
Kirkwood	962	935	750	592	651	-9.3
Des Moines Area	2,625	2,768	3,250	3,524	2,432	-1.9
Western Iowa Tech	858	867	1,015	991	743	-3.5
Iowa Western	322	520	478	397	439	8.1
Southwestern	192	177	224	254	180	-1.6
Indian Hills	812	720	671	609	490	-11.9
Southeastern	370	744	612	582	611	13.4
Total	9,918	10,752	11,167	10,921	9,244	-1.7

\* Includes all Enrollees with 12 hours of instruction and a pre test.

**Table 9-7. English as a Second Language Enrollment - NRS**

College	2009	2010	2011	2012	2013	% Average 5 year Change
Northeast Iowa	88	101	93	35	35	-20.6
North Iowa Area	53	30	20	15	43	-5.1
Iowa Lakes	28	23	0	29	26	-1.8
Northwest	99	112	141	129	59	-12.1
Iowa Central	285	263	308	335	321	3.0
Iowa Valley	357	336	370	287	225	-10.9
Hawkeye	189	182	129	179	256	7.9
Eastern Iowa	155	244	205	174	183	4.2
Kirkwood	338	238	183	204	271	-5.4
Des Moines Area	1,292	1,300	1,576	1,715	1,225	-1.3
Western Iowa Tech	505	494	673	643	502	-0.1
Iowa Western	72	88	86	93	111	11.4
Southwestern	39	38	34	45	24	-11.4
Indian Hills	176	128	142	141	94	-14.5
Southeastern	27	22	22	23	29	1.8
Total	3,703	3,599	3,982	4,047	3,404	-2.1

**Table 9-8. ABE by Type of Program - NRS**

Program Type	2009	2010	2011	2012	2013	% Average 5 year Change
Adult Basic Education	3,993	5,095	5,254	4,948	4,137	0.9
Adult Secondary Education	2,222	2,061	1,931	1,926	1,703	-6.4
English as a Second Language	3,703	3,599	3,982	4,047	3,404	-2.1
Total	9,918	10,755	11,167	10,921	9,244	-1.7

**Table 9-9. Adult Basic Education Enrollment - NRS**

College	2009	2010	2011	2012	2013	% Average 5 year Change
Northeast Iowa	252	193	226	179	223	-3.0
North Iowa Area	173	206	111	100	90	-15.1
Iowa Lakes	30	63	5	65	66	21.8
Northwest	36	54	31	56	18	-15.9
Iowa Central	175	237	284	196	184	1.3
Iowa Valley	221	252	222	195	155	-8.5
Hawkeye	346	345	475	484	316	-2.2
Eastern Iowa	519	683	919	836	770	10.4
Kirkwood	308	358	343	307	276	-2.7
Des Moines Area	824	1,021	1,195	1,257	779	-1.4
Western Iowa Tech	205	245	263	245	186	-2.4
Iowa Western	179	341	283	204	224	5.8
Southwestern	78	84	66	92	73	-1.6
Indian Hills	423	422	350	263	281	-9.7
Southeastern	224	591	481	469	496	22.0
Total	3,993	5,095	5,254	4,948	4,137	0.9

**Table 9-10. Adult Secondary Education Enrollment - NRS**

College	2009	2010	2011	2012	2013	% Average 5 year Change
Northeast Iowa	90	47	55	43	142	12.1
North Iowa Area	65	62	33	28	26	-20.5
Iowa Lakes	28	31	5	32	38	7.9
Northwest	23	16	41	20	7	-25.7
Iowa Central	98	100	105	84	109	2.7
Iowa Valley	58	76	59	77	109	17.1
Hawkeye	136	120	163	128	131	-0.9
Eastern Iowa	273	245	167	266	166	-11.7
Kirkwood	316	339	224	81	104	-24.3
Des Moines Area	509	447	479	552	428	-4.2
Western Iowa Tech	148	128	79	103	55	-21.9
Iowa Western	71	91	109	100	104	10.0
Southwestern	75	55	124	117	83	2.6
Indian Hills	213	173	179	205	115	-14.3
Southeastern	119	131	109	90	86	-7.8
Total	2,222	2,061	1,931	1,926	1,703	-6.4

**Table 9-11. 2013 Adult Education Programs Enrollment by College**

College	MIS				TOPS Enterprise					NRS Reported			
	Basic Skills and Developmental / Remedial Education	High School Equivalence Certificate Program	Second Language Learning	Total	Adult Basic Education	Adult Secondary Education	English as a Second Language	Unknown	Total	Adult Basic Education	Adult Secondary Education	English as a Second Language	Total
Northeast Iowa	213	395	96	704	466	256	59	36	817	223	142	35	400
North Iowa Area	371	301	77	749	225	82	67	23	397	90	26	43	159
Iowa Lakes	0	242	44	286	143	76	51	25	295	66	38	26	130
Northwest	124	219	125	468	140	39	111	105	395	18	7	59	84
Iowa Central	445	859	431	1,735	280	142	426	28	876	184	109	321	614
Iowa Valley	162	428	305	895	225	283	202	61	771	155	109	225	489
Hawkeye	228	446	299	973	517	149	279	30	975	316	131	256	703
Eastern Iowa	1,613	196	279	2,088	1,332	258	218	49	1,857	770	166	183	1,119
Kirkwood	1,867	1,400	537	3,804	1,084	338	331	339	2,092	276	104	271	651
Des Moines Area	1,984	1,014	1,912	4,910	2,120	1,239	1,832	1,502	6,693	779	428	1,225	2,432
Western Iowa Tech	0	892	724	1,616	637	161	675	106	1,579	186	55	502	743
Iowa Western	415	655	149	1,219	495	219	140	608	1,462	224	104	111	439
Southwestern	148	262	40	450	119	154	33	129	435	73	83	24	180
Indian Hills	331	465	152	948	482	198	138	31	849	281	115	94	490
Southeastern	360	1,141	44	1,545	737	175	36	118	1,066	496	86	29	611
Total	8,261	8,915	5,214	22,390	9,002	3,769	4,598	3,190	20,559	4,137	1,703	3,404	9,244
% of Total	36.9	39.8	23.3	100.0	43.8	18.3	22.4	15.5	100.0	44.8	18.4	36.8	100.0

**Table 9-12. NRS Enrollment by Entering Educational Functioning Level, Ethnicity and Gender - 2013**

Entering Educational Functioning Level	American Indian or Alaskan Native		Asian		Black or African American		Hispanic or Latino		White		Native Hawaiian or Other Pacific Islander		Two or More Races		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	ABE Beginning Literacy	0	0	0	3	25	20	14	10	43	43	0	0	1	
ABE Beginning Basic Education	0	5	4	5	76	70	39	54	118	114	0	0	2	1	488
ABE Intermediate Low	3	6	14	6	140	112	87	95	203	244	1	0	9	10	930
ABE Intermediate High	15	17	19	32	241	254	221	235	715	746	3	3	24	34	2,559
ABE Subtotal	18	28	37	46	482	456	361	394	1079	1147	4	3	36	46	4,137
ASE Low	2	1	5	9	57	65	66	72	294	323	0	3	12	15	924
ASE High	6	6	3	2	19	31	37	39	301	313	0	2	14	6	779
ASE Subtotal	8	7	8	11	76	96	103	111	595	636	0	5	26	21	1,703
ESL Beginning Literacy	0	0	27	38	15	41	20	29	0	5	0	0	4	6	185
ESL Beginning Low	0	0	34	49	22	45	27	56	6	7	1	0	3	8	258
ESL Beginning High	0	0	100	123	69	74	108	179	20	17	0	0	4	11	705
ESL Intermediate Low	0	0	134	125	72	87	177	296	26	52	2	3	1	7	982
ESL Intermediate High	0	0	105	123	42	33	141	223	16	39	1	0	4	3	730
ESL Advanced	0	0	60	91	13	18	116	193	10	40	0	0	1	2	544
ESL Subtotal	0	0	460	549	233	298	589	976	78	160	4	3	17	37	3,404
Total	26	35	505	606	791	850	1,053	1,481	1,752	1,943	8	11	79	104	9,244

**Table 9-13. Participant by College, Ethnicity and Race, NRS**

College	American Indian	Asian	Black	Hispanic or Latino	White	Pacific Islander	Two or more races	Total
Northeast	2	16	62	34	276	1	9	400
North Iowa Area	1	8	10	46	92	0	2	159
Iowa Lakes	0	3	7	34	84	0	2	130
Northwest	0	6	0	59	19	0	0	84
Iowa Central	2	107	44	259	191	1	10	614
Iowa Valley	5	86	36	245	114	0	3	489
Hawkeye	1	121	155	110	304	5	7	703
Eastern Iowa	2	87	200	283	520	2	25	1,119
Kirkwood	3	76	144	154	260	0	14	651
Des Moines Area	18	461	659	546	673	3	72	2,432
Western Iowa Tech	20	95	94	432	95	4	3	743
Iowa Western	1	19	38	130	247	0	4	439
Southwestern	1	1	5	39	133	0	1	180
Indian Hills	1	11	53	93	323	2	7	490
Southeastern	4	14	134	70	364	1	24	611
Total	61	1,111	1,641	2,534	3,695	19	183	9,244

**Table 9-14. Participant by College, Age and Gender, NRS**

College	16-18		19-24		25-44		45-59		60+		Total
	M	F	M	F	M	F	M	F	M	F	
Northeast	28	33	43	92	48	103	10	34	2	7	400
North Iowa Area	9	7	21	26	26	37	10	20	1	2	159
Iowa Lakes	13	19	21	19	19	29	6	2	0	2	130
Northwest	6	2	4	5	11	41	2	12	1	0	84
Iowa Central	38	33	90	77	107	166	37	56	6	4	614
Iowa Valley	65	26	53	64	78	148	20	27	5	3	489
Hawkeye	31	19	116	99	166	196	30	42	3	1	703
Eastern Iowa	110	94	171	163	204	252	49	62	5	9	1,119
Kirkwood	67	36	62	100	97	197	30	39	11	12	651
Des Moines Area	86	52	264	312	498	796	145	202	35	42	2,432
Western Iowa Tech	27	15	120	101	162	204	37	62	10	5	743
Iowa Western	26	25	47	72	85	128	20	26	5	5	439
Southwestern	33	18	34	27	20	38	1	7	0	2	180
Indian Hills	37	32	74	66	101	100	31	35	11	3	490
Southeastern	43	34	120	78	142	89	55	32	13	5	611
Total	619	445	1240	1301	1764	2524	483	658	108	102	9,244

**Table 9-15. \*Basic Literacy Skill Certificates**

College	2009	2010	2011	2012	2013	% Average 5 year Change
Northeast Iowa	252	103	69	42	68	-27.9
North Iowa Area	201	59	28	21	30	-37.8
Iowa Lakes	57	56	4	35	40	-8.5
Northwest	85	56	29	34	10	-41.4
Iowa Central	429	330	320	235	292	-9.2
Iowa Valley	251	181	180	167	102	-20.2
Hawkeye	342	245	237	296	364	1.6
Eastern Iowa	467	253	231	302	463	-0.2
Kirkwood	524	425	227	97	128	-29.7
Des Moines Area	1,275	1,329	1,187	1,064	585	-17.7
Western Iowa Tech	374	293	426	318	160	-19.1
Iowa Western	194	154	130	116	148	-6.5
Southwestern	123	75	103	97	63	-15.4
Indian Hills	485	362	321	268	217	-18.2
Southeastern	203	247	146	121	125	-11.4
Total	5,262	4,168	3,638	3,213	2,795	-14.6

\*Includes NRS Enrollees including corrections and online programs. Counts include at least one level gain (multiple gains are only counted once).

**Table 9-16. High School Equivalency Awards**

College	2009	2010	2011	2012	2013	% Average 5 year Change
Northeast Iowa	202	164	136	116	159	-5.8
North Iowa Area	98	79	78	69	69	-8.4
Iowa Lakes	70	79	40	41	63	-2.6
Northwest	40	52	31	34	26	-10.2
Iowa Central	307	316	286	281	270	-3.2
Iowa Valley	133	154	113	113	139	1.1
Hawkeye	150	145	171	171	173	3.6
Eastern Iowa	632	568	548	457	474	-6.9
Kirkwood	489	460	430	443	450	-2.1
Des Moines Area	957	966	869	787	571	-12.1
Western Iowa Tech	273	245	196	218	197	-7.8
Iowa Western	233	232	222	199	191	-4.8
Southwestern	64	45	41	50	45	-8.4
Indian Hills	204	153	140	148	119	-12.6
Southeastern	252	209	260	277	231	-2.2
Total	4,104	3,867	3,561	3,404	3,177	-6.2

Source: NRSpro.

**Table 9-17. Community College Adult High School Diplomas\*\*\***

College	2009	2010	2011	2012	2013
Northeast Iowa	0	0	0	0	
North Iowa Area	0	0	0	0	
Iowa Lakes	1	0 NR		0	67
Northwest	0	0	0	0	7
Iowa Central	2	0	0	0	
Iowa Valley	2	2 NR		0	
Hawkeye	3	1	1	1	
Eastern Iowa	0	0	0	0	
Kirkwood	82	53	72	51	72
Des Moines Area	66	117	129	93	63
Western Iowa Tech	0	0 NR		0	
Iowa Western	0	0	13	0	
Southwestern	0	0	0	0	
Indian Hills	0	0	0	0	
Southeastern	0	0	0	0	
Total	156	156	173	215	209

\*\*\*Community college-based adult high school diploma programs.

**Table 9-18. Enrollment by College - Core Measures**

College	Number of			Number of			Entered Employment Cohort	Number of			Entered Employment Cohort	Number of	
	Secondary Cohort	Participants with Unavaile Data for Matching	Secondary Achieved	PostSecondary Cohort	Participants with Unavaile Data for Matching	PostSecondary Achieved		Participants with Unavaile Data for Matching	Entered Employment Cohort	Retained Employment Cohort		Participants with Unavaile Data for Matching	Retained Employment Achieved
Northeast Iowa	74	1	40	152	4	123	58	3	33	111	0	79	
North Iowa Area	10	0	9	9	0	4	24	0	14	47	0	38	
Iowa Lakes	50	2	47	58	5	27	64	0	33	33	0	25	
Northwest	5	2	3	9	6	0	13	7	4	73	0	26	
Iowa Central	103	13	79	113	19	47	189	31	96	381	0	258	
Iowa Valley	83	10	59	87	10	32	108	4	49	153	0	97	
Hawkeye	81	0	80	165	0	55	195	4	108	328	0	254	
Eastern Iowa	83	0	78	291	4	154	336	16	145	451	0	264	
Kirkwood	143	7	132	184	14	56	124	34	59	215	0	171	
Des Moines Area	177	44	97	249	74	55	626	24	296	936	0	640	
Western Iowa Tech	85	5	77	142	42	47	432	100	175	617	0	349	
Iowa Western	89	1	82	121	6	45	205	11	89	362	0	226	
Southwestern	49	0	40	68	1	42	68	23	24	139	0	66	
Indian Hills	106	31	65	154	40	39	330	31	155	536	0	361	
Southeastern	132	1	127	136	2	21	104	13	39	134	0	90	
Total	1270	117	1015	1938	227	747	2876	301	1319	4516	0	2944	

**Table 9-19. Enrollment by Program Type - Correction\***

Enrollment by Program Type	Students		Attendance Hours	Basic Literacy Skills Certificates	Core Measures	
	M	F			Secondary Cohort	Secondary Achieved
Adult Basic Skills	386	150	50,487	137	71	66
Adult Secondary Skills	78	119	20,265	52	41	27
English as a Second Language		1	80	0	0	0
Total	464	270	70,832	189	112	93

\*Subset of NRS enrollment

**Table 9-20. Enrollment by Program Type - Distance Education\***

Enrollment by Program Type	Students			Core Measures								
	M	F	Attendance Hours	Basic Literacy Skills Certificates	Secondary Cohort	Secondary Achieved	PostSecondary Cohort	PostSecondary Achieved	Entered Employment Cohort	Entered Employment Achieved	Retained Employment Cohort	Retained Employment Achieved
Adult Basic Skills	24	48	3,233	23	10	8	15	8	13	8	18	9
Adult Secondary Skills	33	26	2,664	25	25	23	27	16	18	12	20	11
English as a Second Language	0	0	0	0	0	0	0	0	0	0	0	0
Total	57	74	5,897	48	35	31	42	24**	31	20**	38	20**

\*Subset of NRS enrollment 51% or higher instruction received through distance education

\*\*Weighted based on rate of return

**Table 9-21. Participant Status on Entry by Program\***

Enrollment by Program Type	Employment Status				Highest Level of School Completed					Secondary Status Measures* (optional)		
	Employed	Unemployed	Not Seeking	Not Reported	Grades 0-5	Grades 6-8	Grades 9-12	Grade 12+	Not Reported	Single Parent	TANF, WIA, or Other Public Assistance	Dislocated Worker
Adult Basic Skills	1,141	2,602	337	17	74	416	3,561	69	8	473	588	51
Adult Secondary Skills	602	995	61	57	17	126	1,490	73	6	143	167	13
English as a Second Language	1,650	1,397	371	14	617	716	1,612	447	12	55	42	25
Total	3,393	4,994	769	88	708	1,258	6,663	589	26	671	797	89

Subset of NRS enrollment

\*Top three self reported includes multiple responses





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**Table 11-1. Apprenticeship Enrollment**

<b>Fiscal Year</b>	<b>Credit</b>		<b>Non-Credit</b>	
	<b>Students</b>	<b>Credit Hours</b>	<b>Students</b>	<b>Contact Hours</b>
2009	132	2,007	3,724	750,213
2010	158	2,377	3,175	641,254
2011	230	3,615	2,783	557,860
2012	245	3,561	2,107	422,449
2013	191	2,711	2,754	551,955

**Table 11-2. Non-Credit Non-IEDA Enrollment and Contact Hours**

<b>Fiscal Year</b>	<b>Students</b>	<b>Contact Hours</b>
2009	58	11,250.0
2010	92	4,489.2
2011	6	824.4
2012	11	165.0
2013	0	0.0

**Table 11-3. 260E and 260F Enrollment**

Fiscal Year	260E		260F	
	Students	Contact Hours	Students	Contact Hours
2009	0	0	2,933	601,337
2010	3	540	2,446	517,512
2011	0	0	2,178	442,220
2012	0	0	2,096	422,284
2013	0	0	2,147	420,915

**Table 11-4. 260E Apprenticeship Enrollment by College, Latest 5 years**

College	2009		2010		2011		2012		2013	
	Students	Contact Hours								
Northeast Iowa	0	0	0	0	0	0	0	0	0	0
North Iowa Area	0	0	0	0	0	0	0	0	0	0
Iowa Lakes	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	0	0	3	540	0	0	0	0	0	0
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	0	0	0	0	0	0	0	0	0	0
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0
Iowa Western	0	0	0	0	0	0	0	0	0	0
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0.0</b>	<b>3</b>	<b>540.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>

**Table 11-5. 260F Apprenticeship Enrollment by College, Latest 5 years**

College	2009		2010		2011		2012		2013	
	Students	Contact Hours								
Northeast Iowa	0	0	0	0	0	0	0	0	0	0
North Iowa Area	0	0	0	0	0	0	0	0	0	0
Iowa Lakes	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	0	0	0	0	49	5,688	31	4,678	2	324
Eastern Iowa	928	204,724	769	167,253	732	156,838	730	154,068	688	147,354
Kirkwood	831	162,298	731	153,582	647	126,469	630	120,072	662	127,984
Des Moines Area	1,085	225,271	882	186,710	650	142,920	622	133,505	735	135,370
Western Iowa Tech	40	6,926	12	2,064	38	2,093	41	2,774	19	1,766
Iowa Western	4	614	3	461	13	1,229	0	0	0	0
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	45	1,504	49	7,442	49	6,983	42	7,187	41	8,118
<b>Total</b>	<b>2,933</b>	<b>601,337</b>	<b>2,446</b>	<b>517,512</b>	<b>2,178</b>	<b>442,220</b>	<b>2,096</b>	<b>422,284</b>	<b>2,147</b>	<b>420,915</b>

# 12

## TABLES, STUDENT SUCCESS

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**Table 12-1: Annual Graduation Rates, Latest Five Cohorts**

Cohort	Student Awards %		
	2007	2008	2009
2007	8,596	3,383	39.4
2008	8,792	2,653	30.2
2009	8,974	2,617	29.2
2010	11,427	3,094	27.1
2011	11,167	3,055	27.4

**Table 12-2: Graduation Rates by College, Latest Five Years**

College	2007		2008		2009		2010		2011	
	N	%	N	%	N	%	N	%	N	%
Northeast Iowa	386	30.6	387	29.5	442	28.5	589	26.3	942	26.3
North Iowa Area	171	29.2	214	30.4	452	35.8	454	35.0	732	30.8
Iowa Lakes	397	38.8	346	40.2	412	36.4	560	37.7	873	38.9
Northwest	149	38.3	84	39.3	135	39.3	235	37.9	651	43.1
Iowa Central	318	29.3	398	25.1	313	24.9	456	31.6	501	23.8
Iowa Valley	406	36.7	385	28.6	428	34.6	466	27.5	501	28.1
Hawkeye	881	38.0	873	39.4	779	36.7	922	31.9	477	34.1
Eastern Iowa	591	27.9	661	24.5	638	29.5	805	22.1	924	22.7
Kirkwood	2,115	29.5	2,380	28.6	2,272	25.6	2,728	23.9	2,430	25.3
Des Moines Area	846	22.6	863	20.6	853	20.2	1,142	19.3	412	15.0
Western Iowa Tech	276	25.0	192	14.6	160	24.4	217	23.0	471	16.4
Iowa Western	676	33.9	600	32.0	689	27.9	823	23.8	225	23.4
Southwestern	225	43.1	183	40.4	170	45.9	214	40.2	359	39.8
Indian Hills	892	36.1	885	36.5	857	27.8	1,161	31.4	241	37.6
Southeastern	376	29.0	341	32.3	374	33.7	395	32.7	511	31.2
TOTAL	8,705	31.7	8,792	30.2	8,974	29.2	11,167	27.4	10,250	27.0

*Note:* *N* represents the number of students within a cohort attending a specific community college. Each percentage represents the percentage of students from the cohort who graduated within three years.

**Table 12-3: Transfer Rates by Year**

College	2007		2010		2011	
	N	%	N	%	N	%
Northeast Iowa	401	25.2	589	18.3	942	27.3
North Iowa Area	177	21.5	454	26.4	732	19.8
Iowa Lakes	407	21.4	560	20.2	873	22.9
Northwest	155	34.8	235	6.8	651	22.4
Iowa Central	317	23.1	456	28.3	501	29.5
Iowa Valley	397	23.2	466	31.8	501	20.0
Hawkeye	877	18.7	922	25.1	477	36.7
Eastern Iowa	585	18.1	805	21.7	924	25.4
Kirkwood	2,060	20.3	2,728	25.1	2,430	26.7
Des Moines Area	822	25.3	1,142	21.6	412	28.9
Western Iowa Tech	279	25.7	217	18.9	471	15.9
Iowa Western	662	18.6	823	29.2	225	12.0
Southwestern	224	25.6	214	24.3	359	24.8
Indian Hills	874	23.1	1,161	20.8	241	27.8
Southeastern	359	21.2	395	18.5	511	10.8
TOTAL	8,596	21.7	11,167	23.5	10,250	24.3

*Note:* N represents the number of students within a cohort attending a specific community college. Each percentage represents the percentage of students from the cohort who transferred within three years. Changes in methodology at National Student Clearinghouse in 2010 prevented collection of transfer data for fiscal years 2008 and 2009.

**Table 12-4: Graduation Rates by Gender, Latest Five Years**

College	2007		2008		2009		2010		2011	
	Male	Female								
Northeast Iowa	16.3	14.2	19.1	10.3	15.8	12.7			13.6	12.7
North Iowa Area	17.0	12.3	17.3	13.1	21.2	14.6			16.0	14.8
Iowa Lakes	25.7	13.1	23.7	16.5	22.8	13.6			24.8	14.2
North Central	26.8	11.4	29.8	9.5	28.1	11.1			30.2	12.9
Iowa Central	18.6	10.7	17.1	8.0	15.3	9.6			13.2	10.6
Iowa Valley	18.5	18.2	17.7	10.9	20.8	13.8			15.1	13.0
Hawkeye	22.2	15.8	21.8	17.6	20.2	16.6			18.0	16.2
Eastern Iowa	14.6	13.4	12.4	12.1	13.6	15.8			10.5	12.2
Kirkwood	15.3	14.1	14.9	13.7	13.7	11.9			12.7	12.6
Des Moines Area	13.1	9.5	11.7	8.9	11.1	9.0			8.8	6.2
Western Iowa Tech	9.8	15.2	5.7	8.9	11.3	13.1			7.6	8.8
Iowa Western	17.2	16.7	16.7	15.3	14.8	13.1			12.4	10.9
Southwestern	24.0	19.1	18.6	21.9	17.1	28.8			18.7	21.2
Indian Hills	19.8	16.1	20.7	15.5	14.8	13.0			19.4	18.3
Southeastern	15.2	13.8	14.1	18.2	17.4	16.3			17.3	13.9
TOTAL	17.4	14.3	16.6	13.6	15.9	13.3			14.4	12.6

*Note:* Each percentage represents the percentage of students from the cohort who graduated within three years.

College	American Indian	Asian	Black	Hispanic	White	Not Reported	Overall
Northeast Iowa	0.0	0.0	0.0	0.6	1.8	0.2	1.2
North Iowa Area	1.5	1.9	0.8	0.4	1.8	0.2	1.2
Iowa Lakes	2.9	1.9	1.5	1.2	2.5	0.6	1.9
Northwest	1.5	0.0	0.1	0.2	1.4	0.3	0.9
Iowa Central	1.5	1.9	2.0	0.6	1.5	0.2	1.2
Iowa Valley	0.0	0.6	1.7	1.6	1.4	1.0	1.3
Hawkeye	1.5	0.6	0.6	1.2	4.6	0.0	2.9
Eastern Iowa	1.5	0.0	0.4	4.3	2.2	0.2	1.6
Kirkwood	0.0	2.6	0.6	0.2	1.2	21.4	6.0
Des Moines Area	2.9	1.3	1.0	1.2	1.5	1.1	1.4
Western Iowa Tech	2.9	3.2	0.0	1.0	1.1	0.2	0.8
Iowa Western	2.9	3.8	1.3	2.2	3.0	0.1	2.1
Southwestern	1.5	0.0	0.3	0.6	1.3	0.1	0.9
Indian Hills	1.5	1.9	0.9	1.4	3.4	0.6	2.4
Southeastern	1.5	0.6	0.5	1.0	1.6	0.1	1.1
TOTAL	23.5	20.5	11.7	17.4	30.3	26.3	27.0

College	American Indian	Asian	Black	Hispanic	White	Not Reported	Overall
Northeast Iowa	0	0	0.5	0.5	1.8	0.3	26.2
North Iowa Area	2.8	0	0.2	1.5	1.5	1.9	35.4
Iowa Lakes	0	0.6	1	1.8	2.3	0.5	37.3
Northwest	0	0	0	0.3	1.1	0.1	37.8
Iowa Central	1.4	1.2	2	1.3	1.5	0	30.4
Iowa Valley	0	0.6	1	2	1.2	0.9	27
Hawkeye	1.4	1.2	0.6	1.5	3.5	0	31.9
Eastern Iowa	5.6	3.7	1	2.3	1.7	1	21.6
Kirkwood	0	5.5	0.4	2	5	12.2	23.3
Des Moines Area	1.4	3.1	1.2	1.3	1.9	2.4	18.2
Western Iowa Tech	0	0	0	1.3	0.5	0.4	22.8
Iowa Western	1.4	1.2	2.4	2.6	2.2	0.2	24.4
Southwestern	0	0	0.5	0.8	1	0.1	40.3
Indian Hills	7	0.6	1.2	2	4	1.1	31.1
Southeastern	1.4	1.2	0.6	2	1	2	33.4
TOTAL	22.5	19	12.5	23.2	30	22.9	27.1

**Table 12-7: Graduation by Subpopulation (%)** **FY** **2009**

College	American Indian	Asian	Black	Hispanic	White	Not Reported	Overall
Northeast Iowa	0	0	0.7	0.3	1.6	1.2	28.5
North Iowa Area	1.7	1.2	1	1.9	1.9	1.2	35.8
Iowa Lakes	0	0.6	0.3	0.6	2	0.4	36.4
Northwest	0	0	0	0	0.7	0.6	39.3
Iowa Central	0	1.8	1.3	0.3	0.9	0	24.9
Iowa Valley	1.7	0.6	3.3	2.6	1.5	2.2	34.6
Hawkeye	1.7	1.2	0.3	0.6	3.8	0	36.7
Eastern Iowa	0	2.4	0.5	8	1.8	4.2	29.5
Kirkwood	6.9	4.7	1.3	0.6	7.1	8	25.6
Des Moines Area	0	1.8	0.7	2.2	2	2.8	20.2
Western Iowa Tech	1.7	0	0	0.3	0.5	0.4	24.4
Iowa Western	0	0.6	2	2.9	2.2	1.2	27.9
Southwestern	1.7	0.6	1.2	0	0.9	0	45.9
Indian Hills	1.7	1.2	1	4.2	2.9	1.2	27.8
Southeastern	0	2.4	1.5	0.6	1.4	1.2	33.7
TOTAL	17.2	18.9	15.1	25.2	31.1	24.5	29.2

**Table 12-8: Graduation by Subpopulation (%)** **FY** **2008**

College	American Indian	Asian	Black	Hispanic	White	Not Reported	Overall
Northeast Iowa	0	0.7	0	0	1.5	1.4	29.5
North Iowa Area	0	0	1.6	1.4	0.7	0.6	30.4
Iowa Lakes	0	0	0.4	0.3	1.8	1.2	40.2
North Central	0	0	0	0	0.4	0.2	39.3
Iowa Central	0	1.3	2.1	1.7	1.1	0.4	25.1
Iowa Valley	0	0.7	1	2.8	1.2	1.6	28.6
Hawkeye	3.7	2.7	0.8	1	4.5	0.2	39.4
Eastern Iowa	3.7	2	0.6	1.7	2	1.2	24.5
Kirkwood	5.6	8	2.5	4.9	8	11.6	28.6
Des Moines Area	0	3.3	1.9	1.7	1.9	3.5	20.6
Western Iowa Tech	1.9	0	0	0.3	0.3	0.4	14.6
Iowa Western	0	4	1.6	2.1	2.2	2	32
Southwestern	0	0	1	1.4	0.9	0	40.4
Indian Hills	0	2.7	1.2	3.1	4.1	1	36.5
Southeastern	0	0.7	0.8	1	1.2	2.8	32.3
TOTAL	14.8	26	15.3	23.6	31.8	27.9	30.2

**Table 12-9: Graduation by Subpopulation (%)****FY 2007**

College	American Indian	Asian	Black	Hispanic	White	Not Reported	Overall
Northeast Iowa	0	0	0	0	1.5	1.4	30.6
North Iowa Area	0	1.2	1.7	0.8	0.5	0.2	29.2
Iowa Lakes	0	0.6	0.7	0	2	1.1	38.8
North Central	0	0	0	0.4	0.7	1.4	38.3
Iowa Central	6.3	0.6	1	1.2	1.1	0.7	29.2
Iowa Valley	0	1.9	1.9	2.7	1.7	1.4	36.7
Hawkeye	2.1	2.5	1.5	1.2	4.3	1.6	38
Eastern Iowa	0	3.1	1	7.1	1.7	2.9	27.9
Kirkwood	4.2	3.7	1.7	1.6	7.9	5.2	29.5
Des Moines Area	0	4.3	1	3.9	2.1	2.9	22.6
Western Iowa Tech	2.1	0.6	0.2	0.8	0.7	2.3	25
Iowa Western	0	1.2	2.9	2.4	2.5	5.4	33.9
Southwestern	0	0	0.2	0	1.3	0	43.1
Indian Hills	8.3	1.2	1	2.4	4.1	1.6	36.1
Southeastern	0	0	0.7	1.6	1.3	0.7	29
TOTAL	22.9	21.1	15.5	25.9	33.3	28.9	31.7

**Table 12-10: Graduation Rates by Sex**      **FY**      **2011**

College	N	Male	Female	Not Reported	Overall
Northeast Iowa	471	13.6	12.7	0.0	26.3
North Iowa Area	412	16.0	14.8	0.0	30.8
Iowa Lakes	501	24.8	14.2	0.0	38.9
Northwest	225	30.2	12.9	0.0	43.1
Iowa Central	501	13.2	10.6	0.0	23.8
Iowa Valley	477	15.1	13.0	0.0	28.1
Hawkeye	873	18.0	16.2	0.0	34.1
Eastern Iowa	732	10.5	12.2	0.0	22.7
Kirkwood	2,430	12.7	12.6	0.0	25.3
Des Moines Area	942	8.8	6.2	0.0	15.0
Western Iowa Tech	511	7.6	8.8	0.0	16.4
Iowa Western	924	12.4	10.9	0.0	23.4
Southwestern	241	18.7	21.2	0.0	39.8
Indian Hills	651	19.4	18.3	0.0	37.6
Southeastern	359	17.3	13.9	0.0	31.2
TOTAL	10,250	14.4	12.6	0.0	27.0

**Table 12-11: Graduation Rates by Sex**      **FY**      **2010**

College	N	Male	Female	Not Reported	Overall
Northeast Iowa	602	15.4	10.5	0.0	25.9
North Iowa Area	478	18.4	15.7	0.0	34.1
Iowa Lakes	581	23.1	13.1	0.2	36.3
Northwest	238	25.6	11.8	0.0	37.4
Iowa Central	490	18.4	11.0	0.0	29.4
Iowa Valley	511	13.9	11.5	0.0	25.4
Hawkeye	943	15.6	15.7	0.0	31.3
Eastern Iowa	873	9.0	11.6	0.0	20.6
Kirkwood	2,836	11.7	11.3	0.1	23.1
Des Moines Area	1,242	9.3	8.5	0.0	17.8
Western Iowa Tech	241	11.6	9.1	0.0	20.7
Iowa Western	919	12.5	10.8	0.0	23.3
Southwestern	226	18.6	20.4	0.0	38.9
Indian Hills	1,205	15.3	15.2	0.0	30.5
Southeastern	416	16.1	15.4	0.0	31.5
TOTAL	11,427	14.4	12.6	0.0	27.1

**Table 12-12: Graduation Rates by Sex FY 2009**

College	N	Male	Female	Not Reported	Overall
Northeast Iowa	442	15.8	12.7	0.0	28.5
North Iowa Area	452	21.2	14.6	0.0	35.8
Iowa Lakes	412	22.8	13.6	0.0	36.4
Northwest	135	28.1	11.1	0.0	39.3
Iowa Central	313	15.3	9.6	0.0	24.9
Iowa Valley	428	20.8	13.8	0.0	34.6
Hawkeye	779	20.2	16.6	0.0	36.7
Eastern Iowa	638	13.6	15.8	0.0	29.5
Kirkwood	2,272	13.7	11.9	0.0	25.6
Des Moines Area	853	11.1	9.0	0.0	20.2
Western Iowa Tech	160	11.3	13.1	0.0	24.4
Iowa Western	689	14.8	13.1	0.0	27.9
Southwestern	170	17.1	28.8	0.0	45.9
Indian Hills	857	14.8	13.0	0.0	27.8
Southeastern	374	17.4	16.3	0.0	33.7
TOTAL	8,974	15.9	13.3	0.0	29.2

**Table 12-13: Graduation Rates by Sex FY 2008**

College	N	Male	Female	Not Reported	Overall
Northeast Iowa	387	19.1%	10.3%	0.0%	29.5%
North Iowa Area	214	17.3%	13.1%	0.0%	30.4%
Iowa Lakes	346	23.7%	16.5%	0.0%	40.2%
Northwest	84	29.8%	9.5%	0.0%	39.3%
Iowa Central	398	17.1%	8.0%	0.0%	25.1%
Iowa Valley	385	17.7%	10.9%	0.0%	28.6%
Hawkeye	873	21.8%	17.6%	0.0%	39.4%
Eastern Iowa	661	12.4%	12.1%	0.0%	24.5%
Kirkwood	2,380	14.9%	13.7%	0.0%	28.6%
Des Moines Area	863	11.7%	8.9%	0.0%	20.6%
Western Iowa Tech	192	5.7%	8.9%	0.0%	14.6%
Iowa Western	600	16.7%	15.3%	0.0%	32.0%
Southwestern	183	18.6%	21.9%	0.0%	40.4%
Indian Hills	885	20.7%	15.5%	0.3%	36.5%
Southeastern	341	14.1%	18.2%	0.0%	32.3%
TOTAL	8,792	16.6%	13.6%	0.0%	30.2%

**Table 12-14: Graduation Rates by Sex**      **FY**      **2007**

College	N	Male	Female	Not Reported	Overall
Northeast Iowa	386	16.3	14.2	0.0	30.6
North Iowa Area	171	17.0	12.3	0.0	29.2
Iowa Lakes	397	25.7	13.1	0.0	38.8
Northwest	149	26.8	11.4	0.0	38.3
Iowa Central	318	18.6	10.7	0.0	29.2
Iowa Valley	406	18.5	18.2	0.0	36.7
Hawkeye	881	22.2	15.8	0.0	38.0
Eastern Iowa	591	14.6	13.4	0.0	27.9
Kirkwood	2,115	15.3	14.1	0.0	29.5
Des Moines Area	846	13.1	9.5	0.0	22.6
Western Iowa Tech	276	9.8	15.2	0.0	25.0
Iowa Western	676	17.2	16.7	0.0	33.9
Southwestern	225	24.0	19.1	0.0	43.1
Indian Hills	892	19.8	16.1	0.1	36.1
Southeastern	376	15.2	13.8	0.0	29.0
TOTAL	8,705	17.4	14.3	0.0	31.7

**Table 12-15: Success Rates** **FY** **2010**

College	Cohort N	Graduated	Transferred	Success Rate
Northeast Iowa	602	156	108	43.9
North Iowa Area	478	163	120	59.2
Iowa Lakes	581	211	112	55.6
Northwest	238	89	16	44.1
Iowa Central	490	144	131	56.1
Iowa Valley	511	130	149	54.6
Hawkeye	943	295	232	55.9
Eastern Iowa	873	180	175	40.7
Kirkwood	2,836	655	683	47.2
Des Moines Area	1,242	221	250	37.9
Western Iowa Tech	241	50	41	37.8
Iowa Western	919	214	236	49.0
Southwestern	226	88	53	62.4
Indian Hills	1,205	367	242	50.5
Southeastern	416	131	73	49.0
Total	11,427	3,094	2,621	50.0

*Note:* This table was originally published in the 2012 edition of the *Annual Condition of Iowa's Community Colleges*.

**Table 12-16: Revised Success Rates****FY** **2010**

College	Cohort N	Graduated <sup>a</sup>	Transferred <sup>b</sup>	Success Rate
Northeast Iowa	589	155	55	35.7
North Iowa Area	454	159	43	44.5
Iowa Lakes	560	211	57	47.9
Northwest	235	89	11	42.6
Iowa Central	456	144	73	47.6
Iowa Valley	466	128	80	44.6
Hawkeye	922	294	115	44.4
Eastern Iowa	805	178	95	33.9
Kirkwood	2,728	652	375	37.6
Des Moines Area	1,142	220	164	33.6
Western Iowa Tech	217	50	25	34.6
Iowa Western	823	196	139	40.7
Southwestern	214	86	23	50.9
Indian Hills	1,161	364	121	41.8
Southeastern	395	129	24	38.7
Total	11,167	3,055	1,400	39.9

*Note:* This table reflects corrections made to table 12-15.

<sup>a</sup> Number of students who either earned a two-year award (but did not transfer to a four-year college or university) or transferred to a four-year college or university after earning a two-year award.

<sup>b</sup> Number of students who transferred to a four-year college or university before earning a two-year award.

**Table 12-19: Success Rates**                      **FY**                      **2011**

College	Cohort N	Graduated	Transferred	Success Rate
Northeast Iowa	471	124	56	38.2
North Iowa Area	412	127	52	43.4
Iowa Lakes	501	195	47	48.3
Northwest	225	97	9	47.1
Iowa Central	501	119	88	41.3
Iowa Valley	477	134	87	46.3
Hawkeye	873	298	86	44.0
Eastern Iowa	732	166	68	32.0
Kirkwood	2,430	615	349	39.7
Des Moines Area	942	141	200	36.2
Western Iowa Tech	511	84	36	23.5
Iowa Western	924	216	126	37.0
Southwestern	241	96	28	51.5
Indian Hills	651	245	63	47.3
Southeastern	359	112	38	41.8
Total	10,250	2,769	1,333	40.0



# 13

## TABLES, TUITION AND FEES

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**Table 13-1. Resident Tuition and Fees Based on 12 Credit Hours per Term: 2012-2014**

Community College	2012-2013			2013-2014			Increases			Percent Increase
	Tuition, \$	Fees, \$	Total, \$	Tuition, \$	Fees, \$	Total, \$	Tuition, \$	Fees, \$	Total, \$	
Northeast Iowa	3,600.00	312.00	3,912.00	3,600.00	312.00	3,912.00	0.00	0.00	0.00	0.00
North Iowa Area	3,006.00	598.32	3,604.32	3,066.00	624.00	3,690.00	60.00	25.68	85.68	2.38
Iowa Lakes	3,504.00	422.00	3,926.00	3,576.00	422.00	3,998.00	72.00	0.00	72.00	1.83
Northwest Iowa	3,312.00	672.00	3,984.00	3,456.00	672.00	4,128.00	144.00	0.00	144.00	3.61
Iowa Central	3,168.00	336.00	3,504.00	3,288.00	336.00	3,624.00	120.00	0.00	120.00	3.42
Iowa Valley	3,456.00	624.00	4,080.00	3,552.00	624.00	4,176.00	96.00	0.00	96.00	2.35
Hawkeye	3,288.00	144.00	3,432.00	3,384.00	144.00	3,528.00	96.00	0.00	96.00	2.80
Eastern Iowa	3,148.80	0.00	3,148.80	3,216.00	0.00	3,216.00	67.20	0.00	67.20	2.13
Kirkwood	3,192.00	0.00	3,192.00	3,360.00	0.00	3,360.00	168.00	0.00	168.00	5.26
Des Moines Area	3,192.00	0.00	3,192.00	3,264.00	0.00	3,264.00	72.00	0.00	72.00	2.26
Western Iowa Tech	3,072.00	372.00	3,444.00	3,120.00	408.00	3,528.00	48.00	36.00	84.00	2.44
Iowa Western	3,096.00	312.00	3,408.00	3,168.00	336.00	3,504.00	72.00	24.00	96.00	2.82
Southwestern	3,264.00	288.00	3,552.00	3,408.00	288.00	3,696.00	144.00	0.00	144.00	4.05
Indian Hills	3,456.00	0.00	3,456.00	3,576.00	0.00	3,576.00	120.00	0.00	120.00	3.47
Southeastern	3,408.00	0.00	3,408.00	3,480.00	0.00	3,480.00	72.00	0.00	72.00	2.11
<b>State Average</b>	<b>3,277.52</b>	<b>272.02</b>	<b>3,549.54</b>	<b>3,367.60</b>	<b>277.73</b>	<b>3,645.33</b>	<b>90.08</b>	<b>5.71</b>	<b>95.79</b>	<b>2.73</b>
<b>Std. Dev. (C.C.)</b>	<b>169.23</b>	<b>233.34</b>	<b>287.33</b>	<b>169.20</b>	<b>237.30</b>	<b>283.54</b>	<b>41.93</b>	<b>11.67</b>	<b>39.13</b>	<b>2.91</b>
<b>Iowa Public Universities</b>	<b>6,658.00</b>	<b>1,148.00</b>	<b>7,806.00</b>	<b>6,658.00</b>	<b>1,166.00</b>	<b>7,824.00</b>	<b>0.00</b>	<b>18.13</b>	<b>18.13</b>	<b>2.95</b>

Source: 2012-2013 Academic Year, Iowa Community Colleges, Tuition and Fees Report, Issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education. Iowa Board of Regents, Tuition Rates. Note: Indians Hills shown for three 12 week terms. Eight credits per term equals 12 per semester. Only fees charged for all students are included. Other fees for lab or specific programs are not included.

**Table 13-2. Resident Tuition and Fees Based on 15 Credit Hours Per Term: 2012-2014**

Community College	2012-2013			2013-2014			Increases			Percent Increase
	Tuition, \$	Fees, \$	Total, \$	Tuition, \$	Fees, \$	Total, \$	Tuition, \$	Fees, \$	Total, \$	
Northeast Iowa	4,500.00	390.00	4,890.00	4,500.00	390.00	4,890.00	0.00	0.00	0.00	0.00
North Iowa Area	3,757.50	747.90	4,505.40	3,832.50	780.00	4,612.50	75.00	32.10	107.10	2.38
Iowa Lakes	4,380.00	522.50	4,902.50	4,470.00	522.50	4,992.50	90.00	0.00	90.00	1.84
Northwest Iowa	4,140.00	840.00	4,980.00	4,320.00	840.00	5,160.00	180.00	0.00	180.00	3.61
Iowa Central	3,960.00	420.00	4,380.00	4,110.00	420.00	4,530.00	150.00	0.00	150.00	3.42
Iowa Valley	4,320.00	780.00	5,100.00	4,440.00	780.00	5,220.00	120.00	0.00	120.00	2.35
Hawkeye	4,110.00	180.00	4,290.00	4,230.00	180.00	4,410.00	120.00	0.00	120.00	2.80
Eastern Iowa	3,936.00	0.00	3,936.00	4,020.00	0.00	4,020.00	84.00	0.00	84.00	2.13
Kirkwood	3,990.00	0.00	3,990.00	4,200.00	0.00	4,200.00	210.00	0.00	210.00	5.26
Des Moines Area	3,990.00	0.00	3,990.00	4,080.00	0.00	4,080.00	90.00	0.00	90.00	2.26
Western Iowa Tech	3,840.00	465.00	4,305.00	3,900.00	510.00	4,410.00	60.00	45.00	105.00	2.44
Iowa Western	3,870.00	390.00	4,260.00	3,960.00	420.00	4,380.00	90.00	30.00	120.00	2.82
Southwestern	4,080.00	360.00	4,440.00	4,260.00	360.00	4,620.00	180.00	0.00	180.00	4.05
Indian Hills	4,320.00	0.00	4,320.00	4,470.00	0.00	4,470.00	150.00	0.00	150.00	3.47
Southeastern	4,260.00	0.00	4,260.00	4,350.00	0.00	4,350.00	90.00	0.00	90.00	2.11
<b>State Average</b>	<b>4,096.90</b>	<b>339.69</b>	<b>4,436.59</b>	<b>4,209.50</b>	<b>346.83</b>	<b>4,556.33</b>	<b>112.60</b>	<b>7.14</b>	<b>119.74</b>	<b>2.73</b>
<b>Std. Dev. (C.C.)</b>	<b>211.54</b>	<b>291.47</b>	<b>358.72</b>	<b>211.50</b>	<b>296.42</b>	<b>354.01</b>	<b>52.41</b>	<b>14.58</b>	<b>48.91</b>	<b>2.91</b>
<b>Iowa Public Universities</b>	<b>6,658.00</b>	<b>1,148.00</b>	<b>7,806.00</b>	<b>6,658.00</b>	<b>1,166.00</b>	<b>7,824.00</b>	<b>0.00</b>	<b>18.13</b>	<b>18.13</b>	<b>2.95</b>

Source: 2012-2013 Academic Year, Iowa Community Colleges, Tuition and Fees Report, Issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education. Iowa Board of Regents, Tuition Rates. Note: Indians Hills shown for three 12 week terms. Only fees charged for all students are included. Other fees for lab or specific programs are not included.

**Table 13-3. Resident Tuition and Fees Per Credit Hour: 2012-2014 Academic Years**

Community College	Tuition per Semester Hour, \$			Tuition and Fees per Hour, \$		
	2012-2013	2013-2014	Increase	2012-2013	2013-2014	Increase
Northeast Iowa	150.00	150.00	0.00	163.00	163.00	0.00
North Iowa Area	125.25	127.75	2.50	150.18	153.75	3.57
Iowa Lakes	146.00	149.00	3.00	163.58	166.58	3.00
Northwest Iowa	138.00	144.00	6.00	166.00	172.00	6.00
Iowa Central	132.00	137.00	5.00	146.00	151.00	5.00
Iowa Valley	144.00	148.00	4.00	170.00	174.00	4.00
Hawkeye	137.00	141.00	4.00	143.00	147.00	4.00
Eastern Iowa	131.20	134.00	2.80	131.20	134.00	2.80
Kirkwood	133.00	140.00	7.00	133.00	140.00	7.00
Des Moines Area	133.00	136.00	3.00	133.00	136.00	3.00
Western Iowa Tech	128.00	130.00	2.00	143.50	147.00	3.50
Iowa Western	129.00	132.00	3.00	142.00	146.00	4.00
Southwestern	136.00	142.00	6.00	148.00	154.00	6.00
Indian Hills	144.00	149.00	5.00	144.00	149.00	5.00
Southeastern	142.00	145.00	3.00	142.00	145.00	3.00
<b>State Average</b>	<b>136.56</b>	<b>140.32</b>	<b>3.75</b>	<b>147.90</b>	<b>151.89</b>	<b>3.99</b>
<b>Standard Deviation</b>	<b>7.05</b>	<b>7.05</b>	<b>1.75</b>	<b>11.97</b>	<b>11.81</b>	<b>1.63</b>

Source: 2012-2013 Academic Year, Iowa Community Colleges, Tuition and Fees Report, Issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education. Note: Indian Hills shown for three 12 week terms. Fee per credit hour calculated on two 12 credit terms.

**Table 13-4. Non-Resident Tuition Per Credit Hour: 2012-2014 Academic Years**

Community College	Tuition per Semester Hour, \$			Annual with 24 Hours, \$	Annual with 30 Hours, \$	Percent Increase
	2012-2013	2013-2014	Increase			
Northeast Iowa	150.00	150.00	0.00	3600.00	4500.00	0.00
North Iowa Area	187.90	191.63	3.73	4599.12	5748.90	1.99
Iowa Lakes	148.00	160.00	12.00	3840.00	4800.00	8.11
Northwest Iowa	154.00	160.00	6.00	3840.00	4800.00	3.90
Iowa Central	198.00	205.50	7.50	4932.00	6165.00	3.79
Iowa Valley *	165.00	169.00	4.00	4056.00	5070.00	2.42
Hawkeye	162.00	166.00	4.00	3984.00	4980.00	2.47
Eastern Iowa	196.80	201.00	4.20	4824.00	6030.00	2.13
Kirkwood	158.00	170.00	12.00	4080.00	5100.00	7.59
Des Moines Area	266.00	272.00	6.00	6528.00	8160.00	2.26
Western Iowa Tech	133.00	133.00	0.00	3192.00	3990.00	0.00
Iowa Western	134.00	137.00	3.00	3288.00	4110.00	2.24
Southwestern	142.50	149.00	6.50	3576.00	4470.00	4.56
Indian Hills	216.00	224.00	8.00	5376.00	6720.00	3.70
Southeastern	147.00	150.00	3.00	3600.00	4500.00	2.04
<b>State Average</b>	<b>170.55</b>	<b>175.88</b>	<b>5.33</b>	<b>4221.01</b>	<b>5276.26</b>	<b>3.15</b>
<b>Standard Deviation</b>	<b>35.09</b>	<b>35.97</b>	<b>3.45</b>	<b>863.27</b>	<b>1079.09</b>	<b>2.22</b>

Source: 2012-2013 Academic Year, Iowa Community Colleges, Tuition and Fees Report, Issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education. Note: Indian Hills shown for three 12 week terms. \* Iowa Valley number represents the average of the Ellsworth CC and the Marshalltown CC rates.

**Table 13-5. Recurring Fees for Full-Time Students: 2013-2014 Academic Year**

<b>Community College</b>	<b>Amount, \$</b>	<b>Term</b>	<b>Purpose</b>	<b>Annual - 12 credits per Term, \$</b>	<b>Annual - 15 credits per Term, \$</b>
Northeast Iowa	13.00	Sem Hr.	General	312.00	390.00
North Iowa Area	4.00	Sem Hr.	Student Activity	96.00	120.00
	12.00	Sem Hr.	Materials/Lab/Supply	288.00	360.00
	10.00	Sem Hr.	Technology	240.00	300.00
				624.00	780.00
Iowa Lakes	0.75	Sem Hr.	Processing	18.00	22.50
	0.25	Sem Hr.	Noel Levitz LSA Fee	6.00	7.50
	2.25	Sem Hr.	Activity	54.00	67.50
	5.50	Sem Hr.	General	132.00	165.00
	8.00	Sem Hr.	Technology	192.00	240.00
	10.00	Semester	Activity (students registered for 12 or more hours)	20.00	20.00
			422.00	522.50	
Northwest Iowa	10.00	Sem Hr.	Student Fee	240.00	300.00
	10.00	Sem Hr.	Course Fee	240.00	300.00
	8.00	Sem Hr.	Technology Fee	192.00	240.00
			672.00	840.00	
Iowa Central	14.00	Sem Hr.	Student Fee	336.00	420.00
Iowa Valley	17.00	Sem Hr.	Materials & Technology Fee	408.00	510.00
	2.00	Sem Hr.	Facility Fee	48.00	60.00
	7.00	Sem Hr.	Student/Distance Learning/Facility Fee	168.00	210.00
			624.00	780.00	
Hawkeye	4.00	Sem Hr.	Computer user	96.00	120.00
	2.00	Sem Hr.	Activity	48.00	60.00
				144.00	180.00
Eastern Iowa	None				
Kirkwood	None				
Des Moines Area	None				
Western Iowa Tech	9.00	Credit Hr.	Technology	216.00	270.00
	8.00	Credit Hr.	Matriculation	192.00	240.00
				408.00	510.00
Iowa Western	14.00	Sem Hr.	Student Activity Fee	336.00	420.00
Southwestern	12.00	Sem Hr.	Service/Technology	288.00	360.00
Indian Hills	None				
Southeastern	None				

Source: 2012-2013 Academic Year, Iowa Community Colleges, Tuition and Fees Report, Issued September 2012; Electronic 2013-2014 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education. Note: This is not an all inclusive listing of fees charged by the individual community colleges. The fees listed above include all fees charged to each student. Other fees such as lab fees or special class fees may be charged by the individual community college.



# 15

# TABLES, FINANCIAL

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**Table 15-1. 2013 Nominal Revenue by Source and College**

<b>College</b>	<b>Tuition &amp; Fees, \$</b>	<b>Local, \$</b>	<b>State General Aid, \$</b>	<b>Federal, \$</b>	<b>Other Income, \$</b>	<b>Total Revenue, \$</b>
Northeast	17,106,421	1,844,722	8,815,802	590,809	1,944,431	30,302,185
North Iowa	11,179,620	1,232,275	9,196,145	253,408	1,259,522	23,120,970
Iowa Lakes	9,884,336	1,059,745	8,473,561	419,941	2,168,729	22,006,312
Northwest	5,947,815	665,467	4,164,163	90,139	668,293	11,535,877
Iowa Central	23,818,488	1,386,034	9,859,113	695,887	825,551	36,585,073
Iowa Valley	12,874,717	836,514	8,113,382	189,109	1,386,151	23,399,873
Hawkeye	19,133,476	1,666,482	12,193,897	741,997	802,722	34,538,574
Eastern Iowa	23,251,068	2,510,906	15,262,118	1,112,674	1,496,785	43,633,551
Kirkwood	54,754,117	3,969,960	27,387,665	768,943	3,730,877	90,611,562
Des Moines Area	57,203,478	6,877,284	28,219,579	1,971,002	8,637,597	102,908,940
Western Iowa Tech	16,401,254	1,436,397	9,971,080	895,419	2,259,905	30,964,055
Iowa Western	22,875,038	1,680,361	10,444,823	517,767	677,923	36,195,912
Southwestern	5,297,134	542,646	4,235,051	224,472	1,084,212	11,383,515
Indian Hills	18,196,873	1,020,183	13,275,582	789,644	3,230,560	36,512,842
Southeastern	9,130,272	699,556	7,662,694	449,045	1,356,183	19,297,750
<b>Total</b>	<b>307,054,107</b>	<b>27,428,532</b>	<b>177,274,655</b>	<b>9,710,256</b>	<b>31,529,441</b>	<b>552,996,991</b>

**Table 15-2. Adjusted Totals by Source in 2013 dollars**

<b>Year</b>	<b>Tuition &amp; Fees, \$</b>	<b>Local, \$</b>	<b>State General Aid, \$</b>	<b>Federal, \$</b>	<b>Other Income, \$</b>	<b>Total Revenue, \$</b>
2009	258,779,074.70	25,243,795.66	196,659,509.36	13,019,621.97	37,608,186.88	531,310,189.66
2010	298,177,316.27	25,810,765.47	158,085,740.15	37,094,565.17	33,218,059.24	552,386,446.30
2011	322,727,512.82	26,566,662.73	166,004,116.49	15,139,644.48	32,946,714.21	563,384,650.74
2012	319,676,170.14	26,893,315.81	166,386,630.98	10,304,702.10	29,861,603.83	553,122,422.86
2013	307,054,107.00	27,428,532.00	177,274,655.00	9,710,256.00	31,529,441.00	552,996,991.00

**Table 15-3. 2013 Nominal Expense by Category**

<b>College</b>	<b>Salaries, \$</b>	<b>Services, \$</b>	<b>Matls, Supp &amp; Travel, \$</b>	<b>Current Expenses, \$</b>	<b>Capital Outlay, \$</b>	<b>Total, \$</b>
Northeast	23,866,644	3,689,140	1,060,391	633,213	106,542	29,355,930
North Iowa	16,883,217	4,150,330	1,446,040	1,010,522	0	23,490,109
Iowa Lakes	17,316,349	2,686,265	1,044,673	924,526	28,798	22,000,611
Northwest	8,302,744	1,329,245	875,226	1,028,280	0	11,535,495
Iowa Central	24,175,171	6,198,864	3,516,646	2,221,931	215,660	36,328,272
Iowa Valley	17,084,476	2,340,284	1,047,404	2,658,123	78,533	23,208,820
Hawkeye	24,507,464	6,004,888	2,536,787	1,713,509	270,740	35,033,388
Eastern Iowa	31,752,338	8,706,587	2,190,552	257,113	691,001	43,597,591
Kirkwood	68,145,385	11,980,092	4,231,374	4,595,564	767,877	89,720,292
Des Moines Area	85,207,355	6,718,231	5,366,902	6,824,431	236,965	104,353,884
Western Iowa Tech	20,924,561	5,412,954	1,989,173	2,221,911	149,674	30,698,273
Iowa Western	25,469,488	5,533,001	1,792,884	2,926,580	426,192	36,148,145
Southwestern	8,509,822	1,683,050	570,215	595,804	42,425	11,401,316
Indian Hills	28,673,301	3,955,355	2,848,628	725,403	144,286	36,346,973
Southeastern	14,819,271	2,880,428	859,400	547,480	162,344	19,268,923
<b>Total</b>	<b>415,637,586</b>	<b>73,268,714</b>	<b>31,376,295</b>	<b>28,884,390</b>	<b>3,321,037</b>	<b>552,488,022</b>

**Table 15-4. Adjusted Totals by Source in 2013 Dollars**

<b>Year</b>	<b>Salaries, \$</b>	<b>Services, \$</b>	<b>Matls, Supp &amp; Travel, \$</b>	<b>Current Expenses, \$</b>	<b>Capital Outlay, \$</b>	<b>Total, \$</b>
2009	398,603,671	67,888,391	31,646,071	23,118,296	4,610,423	525,866,852
2010	395,087,545	69,274,969	30,973,670	34,176,244	6,294,814	535,807,242
2011	406,467,782	77,999,341	33,571,750	29,602,063	5,635,047	553,275,983
2012	409,662,685	73,839,222	33,324,054	29,130,235	3,967,492	549,923,687
2013	415,637,586	73,268,714	31,376,295	28,884,390	3,321,037	552,488,022

**Table 15-5. 2013 Nominal Expense by Function**

<b>College</b>	<b>Arts &amp; Science, \$</b>	<b>Vocational Technical, \$</b>	<b>Adult Education, \$</b>	<b>Cooperative Pgms/Svcs., \$</b>	<b>Administration, \$</b>	<b>Student Services, \$</b>	<b>Learning Resources, \$</b>	<b>Physical Plant, \$</b>	<b>General Institution, \$</b>	<b>Total, \$</b>
Northeast	5,468,936	7,698,290	3,270,040	2,612,571	1,415,027	1,955,583	707,440	2,234,668	3,993,375	29,355,930
North Iowa	6,406,422	3,694,880	2,597,794	57,097	2,012,085	3,738,718	520,029	1,965,361	2,497,723	23,490,109
Iowa Lakes	6,829,389	4,709,121	875,284	887,104	1,084,312	1,915,691	1,252,836	1,758,892	2,687,982	22,000,611
Northwest	1,526,691	3,974,298	797,721	3,658	854,728	792,755	191,338	807,711	2,586,595	11,535,495
Iowa Central	9,405,239	7,275,425	2,122,827	569,887	1,864,034	4,629,543	294,438	4,580,251	5,586,628	36,328,272
Iowa Valley	8,696,752	2,850,125	2,332,130	0	1,228,660	1,720,564	334,269	3,317,546	2,728,774	23,208,820
Hawkeye	7,605,778	9,953,877	3,067,166	0	2,047,076	3,076,285	790,156	3,558,060	4,934,990	35,033,388
Eastern Iowa	10,632,215	8,796,958	5,180,829	664,785	2,173,062	4,507,632	692,665	4,216,792	6,732,653	43,597,591
Kirkwood	24,396,103	19,736,487	10,961,270	893,687	7,669,413	6,057,628	1,900,393	7,538,139	10,567,172	89,720,292
Des Moines Area	28,774,429	30,795,126	7,296,578	0	3,650,186	8,655,555	3,065,631	12,432,254	9,684,125	104,353,884
Western Iowa Tech	4,574,740	8,957,920	2,366,993	321,916	1,761,873	2,205,488	291,713	3,899,271	6,318,359	30,698,273
Iowa Western	9,378,261	6,752,617	2,235,135	200,112	3,877,654	3,969,057	257,554	4,648,572	4,829,183	36,148,145
Southwestern	2,787,957	2,604,619	672,322	0	903,362	1,182,270	208,908	1,596,209	1,445,669	11,401,316
Indian Hills	5,976,405	13,025,756	1,724,868	115,119	1,638,905	4,637,609	613,976	4,005,661	4,608,674	36,346,973
Southeastern	4,426,347	4,121,277	1,000,397	1,275,529	1,513,782	2,175,792	386,131	1,942,037	2,427,631	19,268,923
<b>Total</b>	<b>136,885,664</b>	<b>134,946,776</b>	<b>46,501,354</b>	<b>7,601,465</b>	<b>33,694,159</b>	<b>51,220,170</b>	<b>11,507,477</b>	<b>58,501,424</b>	<b>71,629,533</b>	<b>552,488,022</b>

**Table 15-6. Adjusted Totals by Source in 2013 Dollars**

	<b>Arts &amp; Science, \$</b>	<b>Vocational Technical, \$</b>	<b>Adult Education, \$</b>	<b>Cooperative Pgms/Svcs., \$</b>	<b>Administration, \$</b>	<b>Student Services, \$</b>	<b>Learning Resources, \$</b>	<b>Physical Plant, \$</b>	<b>General Institution, \$</b>	<b>Total, \$</b>
2009	126,630,062	127,274,244	43,878,347	11,296,363	31,486,823	46,255,976	14,401,299	58,800,831	65,842,902	525,866,847
2010	127,865,086	128,416,424	41,198,185	9,404,807	36,004,538	45,099,829	13,519,181	61,693,596	72,605,598	535,807,245
2011	136,208,402	134,516,482	43,570,671	7,820,177	34,346,252	46,379,349	12,966,270	64,689,705	72,778,682	553,275,989
2012	137,159,009	132,462,298	45,471,489	8,865,658	35,691,568	48,973,032	11,719,906	58,997,666	70,583,059	549,923,685
2013	136,885,664	134,946,776	46,501,354	7,601,465	33,694,159	51,220,170	11,507,477	58,501,424	71,629,533	552,488,022

**Table 15-7. Unrestricted General Fund Revenues & Expenditures in 2013 Dollars**

<b>Year</b>	<b>Adjusted Revenue, \$</b>	<b>Adjusted Expenditures, \$</b>	<b>% Change Revenue</b>	<b>% Change in Expenditures</b>
2009	531,310,190	525,866,852	0.00	0.00
2010	552,386,446	535,807,242	3.97	1.89
2011	563,384,651	553,275,983	1.99	3.26
2012	553,122,423	549,923,687	-1.82	-0.61
2013	552,996,991	552,488,022	-0.02	0.47

**Table 15-8. FTEE Totals**

	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Northeast	4,924.06	5,529.45	5,278.03	4,837.57	4,770.06
North Iowa	3,815.61	3,840.83	3,526.39	3,360.18	3,063.76
Iowa Lakes	3,147.94	3,630.52	3,698.84	3,293.27	3,010.70
Northwest	1,575.84	1,811.79	1,858.33	1,680.97	1,681.00
Iowa Central	5,969.25	6,460.67	6,733.43	6,578.78	6,479.84
Iowa Valley	3,276.35	3,552.99	3,524.28	3,392.73	3,351.29
Hawkeye	5,843.13	6,280.28	6,451.82	6,103.60	5,919.41
Eastern Iowa	7,867.01	9,146.55	9,429.42	9,157.39	8,172.87
Kirkwood	16,011.12	18,231.23	18,559.59	17,529.66	16,165.84
Des Moines Area	18,793.75	22,332.38	23,061.85	22,982.49	21,144.20
Western Iowa Tech	4,737.12	5,453.52	6,151.44	5,481.36	5,329.27
Iowa Western	5,911.32	6,591.13	7,158.23	7,406.15	7,335.36
Southwestern	1,709.74	1,871.62	1,951.05	1,816.61	1,732.24
Indian Hills	5,241.26	6,113.32	6,224.50	5,660.41	5,437.66
Southeastern	3,525.73	3,964.40	3,643.83	3,223.19	3,102.42
<b>Total</b>	<b>92,349.23</b>	<b>104,810.67</b>	<b>107,251.03</b>	<b>102,504.34</b>	<b>96,695.92</b>

**Table 15-9. SGA Totals**

Year	Nominal SGA Amount, \$	Adjusted SGA Amount (2013
		Dollars), \$
2004	136,127,396	169,262,509
2005	139,779,244	168,790,584
2006	149,579,244	173,702,009
2007	159,579,244	181,546,460
2008	171,962,414	187,604,248
2009	180,316,478	196,659,508
2010	148,754,233	158,085,740
2011	158,754,232	166,004,116
2012	163,774,647	166,386,631
2013	177,274,647	177,274,647

**Table 15-10. Adjusted Revenue and Expenditures / FTEE (2013 Dollars)**

Year	Revenue	Expenditures	FTEE Total	Revenue /	Expenditures /
				FTEE	FTEE
2009	\$531,310,190	\$525,866,852	92,349.23	\$5,753	\$5,694
2010	\$552,386,446	\$535,807,242	104,810.67	\$5,270	\$5,112
2011	\$563,384,651	\$553,275,983	107,251.01	\$5,253	\$5,159
2012	\$553,122,423	\$549,923,687	102,504.34	\$5,396	\$5,365
2013	\$552,996,991	\$552,488,022	96,695.92	\$5,719	\$5,714

**Table 15-11. State General Aid**

Year	Adjusted SGA Amount, \$	FTEE, N	\$/ FTEE
2004	169,262,509	84699.42	1,998
2005	168,790,584	86614.34	1,949
2006	173,702,009	86247.10	2,014
2007	181,546,460	88494.93	2,051
2008	187,604,248	89512.99	2,096
2009	196,659,508	92349.23	2,130
2010	158,085,740	104810.67	1,508
2011	166,004,116	107251.01	1,548
2012	166,386,631	102504.34	1,623
2013	177,274,647	96695.92	1,833



# 16

## TABLES, HUMAN RESOURCES

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**Table 16-1. Employees by Position.**

Fiscal Year	Employment Type	Administrative	Instructional	Professional	Secretarial & Clerical	Service	Total
2009	Full-Time	192	1,919	1,913	933	423	5,380
	Part-Time	2	155	550	759	553	2,019
	Temp./Seasonal	1	110	694	744	517	2,066
	Adjunct	0	4,609	21	14	8	4,652
	<b>Total</b>	<b>195</b>	<b>6,793</b>	<b>3,178</b>	<b>2,450</b>	<b>1,501</b>	<b>14,117</b>
2010	Full-Time	137	1,920	1,993	932	442	5,424
	Part-Time	7	164	630	609	670	2,080
	Temp./Seasonal	1	99	782	1,101	456	2,439
	Adjunct	0	5,079	8	1	0	5,088
	<b>Total</b>	<b>145</b>	<b>7,262</b>	<b>3,413</b>	<b>2,643</b>	<b>1,568</b>	<b>15,031</b>
2011	Full-Time	132	2,020	1,994	884	534	5,564
	Part-Time	4	299	630	662	704	2,299
	Temp./Seasonal	3	127	798	762	695	2,385
	Adjunct	0	5,218	11	0	0	5,229
	<b>Total</b>	<b>139</b>	<b>7,664</b>	<b>3,433</b>	<b>2,308</b>	<b>1,933</b>	<b>15,477</b>
2012	Full-Time	135	1,938	2,036	825	485	5,419
	Part-Time	6	346	750	635	623	2,360
	Temp./Seasonal	0	111	810	831	649	2,401
	Adjunct	0	5,443	8	0	0	5,451
	<b>Total</b>	<b>141</b>	<b>7,838</b>	<b>3,604</b>	<b>2,291</b>	<b>1,757</b>	<b>15,631</b>
2013	Full-Time	130	2,021	2,091	882	553	5,677
	Part-Time	6	138	764	856	870	2,634
	Temp./Seasonal	1	98	788	1,119	737	2,743
	Adjunct	0	5,481	7	0	1	5,489
	<b>Total</b>	<b>137</b>	<b>7,738</b>	<b>3,650</b>	<b>2,857</b>	<b>2,161</b>	<b>16,543</b>

Note: Individuals may be employed in a number of positions at a community college. Full-time Instructional includes credit and non-credit full-time employees.

**Table 16-2. Degrees for full-time Instructors.**

<b>Degree</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Doctorate	179	188	196	185	156
Ed. Special	15	14	12	17	12
Masters	1,038	1,034	1,083	1,026	1,027
Bachelors	386	379	400	385	488
Associate	214	219	232	214	245
Diploma	58	51	55	52	56
Certificate	19	22	21	25	28
High School	28	25	20	15	27
Non-Graduate	3	2	5	0	3
Not Provided	23	38	41	41	34
<b>Total</b>	<b>1,963</b>	<b>1,972</b>	<b>2,065</b>	<b>1,960</b>	<b>2,076</b>

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

**Table 16-3. Degrees for full-time Administrators.**

<b>Degree</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Doctorate	48	47	48	49	48
Ed. Special	5	5	6	4	3
Masters	89	54	46	53	50
Bachelors	43	28	27	26	27
Associate	4	1	2	3	2
Diploma	0	0	0	0	1
Certificate	0	0	0	0	0
High School	3	1	1	1	1
Non-Graduate	0	0	0	0	0
Not Provided	1	2	3	2	2
<b>Total</b>	<b>193</b>	<b>138</b>	<b>133</b>	<b>138</b>	<b>134</b>

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

**Table 16-4. Employees by Age.**

<b>Fiscal</b>									
<b>Year</b>	<b>17 &amp; Under</b>	<b>18-22</b>	<b>23-26</b>	<b>27-30</b>	<b>31-39</b>	<b>40-55</b>	<b>Over 55</b>	<b>Unknown</b>	<b>Total</b>
2009	61	977	605	785	2,034	4,784	3,420	44	12,710
2010	77	978	704	878	2,177	5,016	3,683	57	13,570
2011	53	1,082	745	921	2,228	4,949	3,753	39	13,770
2012	71	1,059	735	912	2,372	4,956	3,909	4	14,018
2013	70	1,378	773	972	2,530	4,903	4,037	8	14,671

**Table 16-5. Employees by Race/Ethnicity.**

<b>Fiscal</b>	<b>American</b>	<b>Asian/Pacific</b>				<b>More than</b>	<b>No</b>	
<b>Year</b>	<b>Indian</b>	<b>Islander</b>	<b>Black</b>	<b>Hispanic</b>	<b>White</b>	<b>one race</b>	<b>Response</b>	<b>Total</b>
2009	36	154	304	215	10,877	0	1,124	12,710
2010	37	143	367	250	11,424	25	1,324	13,570
2011	43	178	391	245	11,797	35	1,081	13,770
2012	37	179	387	274	12,147	81	913	14,018
2013	46	209	482	331	12,890	68	645	14,671

Note: No Response includes individuals who did not respond or colleges who did not report a ethnicity/race. "More than one" race reporting started in 2010.

**Table 16-6. Employees by Gender.**

<b>Fiscal</b>					
<b>Year</b>	<b>Male, N</b>	<b>Male, %</b>	<b>Female, N</b>	<b>Female, %</b>	<b>Total</b>
2009	5,116	40.5	7,509	59.5	12,710
2010	5,601	41.4	7,929	58.6	13,570
2011	5,666	41.2	8,099	58.8	13,770
2012	5,733	40.9	8,281	59.1	14,018
2013	6,028	41.1	8,638	58.9	14,671

Note: Unknown employees are included in the total, but not shown above.

The following are unknown counts: fiscal year 2009, 85 (0.67%); and fiscal year 2010, 40 (0.3%); fiscal year 2011, 5 (0.04%); fiscal year 2012, 4 (0.03%), fiscal year 2013, 5 (0.03%).

**Table 16-7. Base Salary for Instructors.**

<b>Fiscal Year</b>	<b>Full-Time Instructional Positions</b>	<b>Average Base Salary, \$</b>
2009	1,846	52,801
2010	1,822	53,147
2011	1,912	52,350
2012	1,833	55,601
2013	1,849	56,692

**Table 16-8. Iowa and National Wages for Instructors.**

<b>Fiscal Year</b>	<b>Almanac Issue, Fiscal Year</b>	<b>Iowa 2-Year Public Institutions</b>	<b>National 2-Year Public Institutions</b>
1996	1998 & 1999	35,726	43,295
1998	2000 & 2001	37,460	45,919
1999	2002	38,334	47,285
2000	2003 & 2004	38,950	48,240
2002	2005	40,431	50,837
2004	2006	42,624	53,080
2005	2007	43,675	53,932
2006	2008	44,943	54,895
2007	2009	46,661	57,466
2008	2010	48,911	58,175
2009	2011	51,400	55,809
2010	2012	53,095	57,530*
2011	2013	53,442	57,677

Note: Data in *The Chronicle of Higher Education Almanac* issue was repeated in fiscal year 1999, 2001, and 2004. \**The Chronicle* published this number quoting FY 2011 data of *American Association of University Professors*.

Source: The Chronicle of Higher Education Almanac, 2012-2013.

**Table 16-9. Degrees for Full-time Administrators**

**2009**

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	% of State
Northeast	4	0	5	0	0	0	0	1	0	0	10	5.2
North Iowa Area	3	0	0	1	0	0	0	0	0	0	4	2.1
Iowa Lakes	1	0	8	2	2	0	0	0	0	1	14	7.3
Northwest	4	0	1	3	0	0	0	0	0	0	8	4.1
Iowa Central	1	0	2	2	0	0	0	1	0	0	6	3.1
Iowa Valley	4	0	3	1	0	0	0	0	0	0	8	4.1
Hawkeye	2	1	2	1	0	0	0	0	0	0	6	3.1
Eastern Iowa	5	0	5	0	0	0	0	0	0	0	10	5.2
Kirkwood	6	0	42	21	1	0	0	1	0	0	71	36.8
Des Moines Area	5	1	6	2	0	0	0	0	0	0	14	7.3
Western Iowa Tech	4	0	4	1	0	0	0	0	0	0	9	4.7
Iowa Western	2	0	2	2	0	0	0	0	0	0	6	3.1
Southwestern	1	0	1	2	0	0	0	0	0	0	4	2.1
Indian Hills	3	3	4	3	1	0	0	0	0	0	14	7.3
Southeastern	3	0	4	2	0	0	0	0	0	0	9	4.7
<b>Total</b>	<b>48</b>	<b>5</b>	<b>89</b>	<b>43</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>193</b>	<b>100.0</b>
<b>% of all degrees</b>	<b>24.9</b>	<b>2.6</b>	<b>46.1</b>	<b>22.3</b>	<b>2.1</b>	<b>0.0</b>	<b>0.0</b>	<b>1.6</b>	<b>0.0</b>	<b>0.5</b>	<b>100.0</b>	

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

**Table 16-10. Degrees for Full-time Administrators**

**2010**

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	% of State
Northeast	5	0	5	0	0	0	0	1	0	0	11	8.0
North Iowa Area	3	0	1	2	0	0	0	0	0	0	6	4.3
Iowa Lakes	2	0	9	1	0	0	0	0	0	1	13	9.4
Northwest	4	0	1	4	0	0	0	0	0	0	9	6.5
Iowa Central	0	0	2	3	0	0	0	0	0	1	6	4.3
Iowa Valley	3	0	4	1	0	0	0	0	0	0	8	5.8
Hawkeye	2	1	2	1	0	0	0	0	0	0	6	4.3
Eastern Iowa	4	0	5	0	0	0	0	0	0	0	9	6.5
Kirkwood	3	0	5	2	0	0	0	0	0	0	10	7.2
Des Moines Area	5	1	6	2	0	0	0	0	0	0	14	10.1
Western Iowa Tech	5	0	5	1	0	0	0	0	0	0	11	8.0
Iowa Western	2	0	1	3	0	0	0	0	0	0	6	4.3
Southwestern	1	0	1	2	0	0	0	0	0	0	4	2.9
Indian Hills	5	3	4	4	1	0	0	0	0	0	17	12.3
Southeastern	3	0	3	2	0	0	0	0	0	0	8	5.8
<b>Total</b>	<b>47</b>	<b>5</b>	<b>54</b>	<b>28</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>138</b>	<b>100.0</b>
<b>% of all degrees</b>	<b>34.1</b>	<b>3.6</b>	<b>39.1</b>	<b>20.3</b>	<b>0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.7</b>	<b>0.0</b>	<b>1.4</b>	<b>100.0</b>	

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

**Table 16-11. Degrees for Full-time Administrators**

**2011**

<b>College</b>	<b>Doctorate</b>	<b>Ed Special</b>	<b>Masters</b>	<b>Bachelors</b>	<b>Associate</b>	<b>Diploma</b>	<b>Certificate</b>	<b>High School</b>	<b>Non-Grad</b>	<b>Not Provided</b>	<b>Total</b>	<b>% of State</b>
Northeast	6	0	3	0	0	0	0	1	0	0	10	7.5
North Iowa Area	2	0	2	2	0	0	0	0	0	0	6	4.5
Iowa Lakes	0	0	7	1	1	0	0	0	0	1	10	7.5
Northwest	4	0	3	2	0	0	0	0	0	0	9	6.8
Iowa Central	1	0	1	3	0	0	0	0	0	1	6	4.5
Iowa Valley	4	0	2	1	0	0	0	0	0	0	7	5.3
Hawkeye	2	1	2	1	0	0	0	0	0	0	6	4.5
Eastern Iowa	6	0	3	0	0	0	0	0	0	0	9	6.8
Kirkwood	3	0	5	2	0	0	0	0	0	0	10	7.5
Des Moines Area	5	1	6	2	0	0	0	0	0	0	14	10.5
Western Iowa Tech	5	0	2	2	0	0	0	0	0	1	10	7.5
Iowa Western	2	0	1	4	0	0	0	0	0	0	7	5.3
Southwestern	1	0	1	2	0	0	0	0	0	0	4	3.0
Indian Hills	5	4	4	3	1	0	0	0	0	0	17	12.8
Southeastern	2	0	4	2	0	0	0	0	0	0	8	6.0
<b>Total</b>	<b>48</b>	<b>6</b>	<b>46</b>	<b>27</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>133</b>	<b>100.0</b>
<b>% of all degrees</b>	<b>36.1</b>	<b>4.5</b>	<b>34.6</b>	<b>20.3</b>	<b>1.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.8</b>	<b>0.0</b>	<b>2.3</b>	<b>100.0</b>	

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

**Table 16-12. Degrees for Full-time Administrators**

**2012**

<b>College</b>	<b>Doctorate</b>	<b>Ed Special</b>	<b>Masters</b>	<b>Bachelors</b>	<b>Associate</b>	<b>Diploma</b>	<b>Certificate</b>	<b>High School</b>	<b>Non-Grad</b>	<b>Not Provided</b>	<b>Total</b>	<b>% of State</b>
Northeast	6	0	4	0	0	0	0	1	0	0	11	8.0
North Iowa Area	1	0	1	2	0	0	0	0	0	0	4	2.9
Iowa Lakes	0	0	7	1	2	0	0	0	0	1	11	8.0
Northwest	6	0	4	1	0	0	0	0	0	0	11	8.0
Iowa Central	1	0	2	3	0	0	0	0	0	1	7	5.1
Iowa Valley	5	0	4	0	0	0	0	0	0	0	9	6.5
Hawkeye	2	0	2	2	0	0	0	0	0	0	6	4.3
Eastern Iowa	7	0	4	0	0	0	0	0	0	0	11	8.0
Kirkwood	2	0	5	2	0	0	0	0	0	0	9	6.5
Des Moines Area	5	1	6	2	0	0	0	0	0	0	14	10.1
Western Iowa Tech	5	0	5	1	0	0	0	0	0	0	11	8.0
Iowa Western	2	0	1	4	0	0	0	0	0	0	7	5.1
Southwestern	1	0	1	2	0	0	0	0	0	0	4	2.9
Indian Hills	5	3	3	4	1	0	0	0	0	0	16	11.6
Southeastern	1	0	4	2	0	0	0	0	0	0	7	5.1
<b>Total</b>	<b>49</b>	<b>4</b>	<b>53</b>	<b>26</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>138</b>	<b>100.0</b>
<b>% of all degrees</b>	<b>35.5</b>	<b>2.9</b>	<b>38.4</b>	<b>18.8</b>	<b>2.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.7</b>	<b>0.0</b>	<b>1.4</b>	<b>100.0</b>	

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

**Table 16-13. Degrees for Full-time Administrators**

**2013**

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	% of State
Northeast	7	0	3	1	0	0	0	1	0	0	12	9.0
North Iowa Area	3	0	0	2	0	0	0	0	0	0	5	3.7
Iowa Lakes	0	0	8	1	0	1	0	0	0	0	10	7.5
Northwest	6	0	4	1	0	0	0	0	0	0	11	8.2
Iowa Central	1	0	2	3	0	0	0	0	0	0	6	4.5
Iowa Valley	3	0	3	0	0	0	0	0	0	0	6	4.5
Hawkeye	3	0	2	2	0	0	0	0	0	1	8	6.0
Eastern Iowa	6	0	4	0	0	0	0	0	0	0	10	7.5
Kirkwood	3	0	1	4	1	0	0	0	0	1	10	7.5
Des Moines Area	4	0	6	2	0	0	0	0	0	0	12	9.0
Western Iowa Tech	3	0	6	1	0	0	0	0	0	0	10	7.5
Iowa Western	2	0	2	3	0	0	0	0	0	0	7	5.2
Southwestern	1	0	2	1	0	0	0	0	0	0	4	3.0
Indian Hills	4	3	3	4	1	0	0	0	0	0	15	11.2
Southeastern	2	0	4	2	0	0	0	0	0	0	8	6.0
<b>Total</b>	<b>48</b>	<b>3</b>	<b>50</b>	<b>27</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>134</b>	<b>100.0</b>
<b>% of all degrees</b>	<b>35.8</b>	<b>2.2</b>	<b>37.3</b>	<b>20.1</b>	<b>1.5</b>	<b>0.7</b>	<b>0.0</b>	<b>0.7</b>	<b>0.0</b>	<b>1.5</b>	<b>100.0</b>	

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

**Table 16-14. Degrees for Full-time Instructors**

**2009**

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	% of State
Northeast	7	0	64	21	13	3	0	2	0	0	110	5.6
North Iowa Area	7	0	59	14	5	0	2	2	0	3	92	4.7
Iowa Lakes	3	2	56	25	8	5	0	0	0	10	109	5.6
Northwest	0	0	16	9	11	6	1	1	0	0	44	2.2
Iowa Central	4	0	48	14	13	1	1	5	0	4	90	4.6
Iowa Valley	8	0	57	11	9	0	0	2	0	0	87	4.4
Hawkeye	12	0	63	24	16	7	0	3	0	0	125	6.4
Eastern Iowa	22	1	94	22	14	1	1	4	0	0	159	8.1
Kirkwood	42	4	149	56	27	9	0	0	0	0	287	14.6
Des Moines Area	38	2	168	68	40	7	5	3	0	1	332	16.9
Western Iowa Tech	7	3	44	19	14	2	0	3	1	1	94	4.8
Iowa Western	10	2	72	37	13	5	3	0	1	1	144	7.3
Southwestern	2	0	38	7	1	3	1	1	1	3	57	2.9
Indian Hills	10	1	61	42	21	5	2	2	0	0	144	7.3
Southeastern	7	0	49	17	9	4	3	0	0	0	89	4.5
<b>Total</b>	<b>179</b>	<b>15</b>	<b>1,038</b>	<b>386</b>	<b>214</b>	<b>58</b>	<b>19</b>	<b>28</b>	<b>3</b>	<b>23</b>	<b>1,963</b>	<b>100.0</b>
<b>% of all degrees</b>	<b>9.1</b>	<b>0.8</b>	<b>52.9</b>	<b>19.7</b>	<b>10.9</b>	<b>3.0</b>	<b>1.0</b>	<b>1.4</b>	<b>0.2</b>	<b>1.2</b>	<b>100.0</b>	

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

**Table 16-15. Degrees for Full-time Instructors**

**2010**

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	8	0	60	22	19	0	0	3	0	11	123	6.2
North Iowa Area	7	0	55	12	5	1	3	2	0	0	85	4.3
Iowa Lakes	3	2	49	22	10	4	0	0	0	9	99	5.0
Northwest	0	0	16	8	13	5	0	1	0	0	43	2.2
Iowa Central	4	0	55	14	9	1	2	5	0	0	90	4.6
Iowa Valley	9	0	57	12	7	0	1	2	0	0	88	4.5
Hawkeye	13	0	66	25	15	7	0	0	0	4	130	6.6
Eastern Iowa	19	1	83	27	13	1	1	5	0	1	151	7.7
Kirkwood	48	4	148	55	28	7	0	1	0	4	295	15.0
Des Moines Area	38	2	172	73	42	8	6	3	0	0	344	17.4
Western Iowa Tech	8	3	46	19	14	2	0	1	0	1	94	4.8
Iowa Western	11	1	81	37	17	4	3	0	1	3	158	8.0
Southwestern	3	0	35	5	1	3	1	1	1	4	54	2.7
Indian Hills	10	1	66	31	17	4	2	1	0	0	132	6.7
Southeastern	7	0	45	17	9	4	3	0	0	1	86	4.4
<b>Total</b>	<b>188</b>	<b>14</b>	<b>1,034</b>	<b>379</b>	<b>219</b>	<b>51</b>	<b>22</b>	<b>25</b>	<b>2</b>	<b>38</b>	<b>1,972</b>	<b>100.0</b>
<b>Percent</b>	<b>9.5</b>	<b>0.7</b>	<b>52.4</b>	<b>19.2</b>	<b>11.1</b>	<b>2.6</b>	<b>1.1</b>	<b>1.3</b>	<b>0.1</b>	<b>1.9</b>	<b>100.0</b>	

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

**Table 16-16. Degrees for Full-time Instructors**

**2011**

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	8	0	67	21	20	0	0	3	0	11	123	6.0
North Iowa Area	7	0	59	15	5	0	3	0	0	0	85	4.1
Iowa Lakes	3	1	46	21	11	4	0	0	0	12	99	4.8
Northwest	0	0	19	8	11	5	0	1	0	1	43	2.1
Iowa Central	4	0	51	16	10	3	2	5	0	1	90	4.4
Iowa Valley	8	0	57	12	6	1	1	0	0	0	88	4.3
Hawkeye	14	0	62	22	12	7	0	0	0	4	130	6.3
Eastern Iowa	20	1	89	25	14	1	1	5	0	0	151	7.3
Kirkwood	54	2	184	78	37	6	0	1	0	5	295	14.3
Des Moines Area	40	2	175	76	43	9	6	3	0	0	344	16.7
Western Iowa Tech	10	3	43	18	14	2	0	1	1	1	94	4.6
Iowa Western	10	1	85	28	16	4	2	0	0	3	158	7.7
Southwestern	4	0	32	3	1	4	1	1	1	2	54	2.6
Indian Hills	7	1	66	37	23	3	2	0	3	0	132	6.4
Southeastern	7	1	48	20	9	6	3	0	0	1	86	4.2
<b>Total</b>	<b>196</b>	<b>12</b>	<b>1,083</b>	<b>400</b>	<b>232</b>	<b>55</b>	<b>21</b>	<b>20</b>	<b>5</b>	<b>41</b>	<b>2,065</b>	<b>100.0</b>
<b>Percent</b>	<b>9.5</b>	<b>0.6</b>	<b>52.4</b>	<b>19.4</b>	<b>11.2</b>	<b>2.7</b>	<b>1.0</b>	<b>1.0</b>	<b>0.2</b>	<b>2.0</b>	<b>100.0</b>	

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

**Table 16-17. Degrees for Full-time Instructors**

**2012**

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	8	0	60	18	16	1	1	1	0	12	123	6.3
North Iowa Area	7	0	53	12	4	0	3	1	0	0	85	4.3
Iowa Lakes	4	1	50	21	12	4	0	0	0	11	99	5.1
Northwest	0	0	18	8	13	5	0	1	0	0	43	2.2
Iowa Central	7	0	51	19	10	3	2	5	0	0	90	4.6
Iowa Valley	6	0	57	10	5	1	1	0	0	0	88	4.5
Hawkeye	14	0	65	23	15	7	0	0	0	5	130	6.6
Eastern Iowa	55	5	154	45	24	6	0	1	0	4	151	7.7
Kirkwood	7	3	53	39	10	0	0	1	0	4	295	15.1
Des Moines Area	42	2	175	76	44	8	6	2	0	0	344	17.6
Western Iowa Tech	9	3	45	19	14	0	2	2	0	2	94	4.8
Iowa Western	11	1	89	29	17	4	2	0	0	1	158	8.1
Southwestern	2	0	36	5	2	4	1	1	0	2	54	2.8
Indian Hills	7	2	73	37	22	4	5	0	0	0	132	6.7
Southeastern	6	0	47	24	6	5	2	0	0	0	86	4.4
<b>Total</b>	<b>185</b>	<b>17</b>	<b>1,026</b>	<b>385</b>	<b>214</b>	<b>52</b>	<b>25</b>	<b>15</b>	<b>0</b>	<b>41</b>	<b>1,960</b>	<b>100.0</b>
<b>Percent</b>	<b>9.4</b>	<b>0.9</b>	<b>52.3</b>	<b>19.6</b>	<b>10.9</b>	<b>2.7</b>	<b>1.3</b>	<b>0.8</b>	<b>0.0</b>	<b>2.1</b>	<b>100.0</b>	

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

**Table 16-18. Degrees for Full-time Instructors**

**2013**

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	8	0	67	29	17	2	1	0	1	0	125	6.0
North Iowa Area	6	0	55	10	4	0	3	1	0	0	79	3.8
Iowa Lakes	4	2	54	20	13	6	0	0	0	0	99	4.8
Northwest	0	0	17	6	13	5	0	2	0	0	43	2.1
Iowa Central	5	0	52	18	9	3	2	6	0	0	95	4.6
Iowa Valley	5	0	54	13	4	1	1	0	0	0	78	3.8
Hawkeye	13	0	66	22	17	6	2	4	0	0	130	6.3
Eastern Iowa	18	0	84	24	15	1	1	6	0	0	149	7.2
Kirkwood	20	1	112	149	50	8	2	2	0	30	374	18.0
Des Moines Area	42	3	177	75	45	8	6	2	0	0	358	17.2
Western Iowa Tech	9	3	44	20	14	0	2	2	0	1	95	4.6
Iowa Western	10	1	100	26	11	3	2	0	0	1	154	7.4
Southwestern	2	0	33	6	1	4	1	1	1	0	49	2.4
Indian Hills	7	2	68	41	26	4	3	1	1	1	154	7.4
Southeastern	7	0	44	29	6	5	2	0	0	1	94	4.5
<b>Total</b>	<b>156</b>	<b>12</b>	<b>1,027</b>	<b>488</b>	<b>245</b>	<b>56</b>	<b>28</b>	<b>27</b>	<b>3</b>	<b>34</b>	<b>2,076</b>	<b>100.0</b>
<b>Percent</b>	<b>7.5</b>	<b>0.6</b>	<b>49.5</b>	<b>23.5</b>	<b>11.8</b>	<b>2.7</b>	<b>1.3</b>	<b>1.3</b>	<b>0.1</b>	<b>1.6</b>	<b>100.0</b>	

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

**Table 16-19. Employees by Age and College 2009**

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	0	26	23	32	90	298	212	0	681	5.4
North Iowa Area	3	27	28	33	92	245	160	0	588	4.6
Iowa Lakes	3	53	31	31	92	230	199	22	661	5.2
Northwest	0	2	11	16	50	106	75	0	260	2.0
Iowa Central	3	135	80	78	150	271	172	2	891	7.0
Iowa Valley	1	43	47	52	107	285	190	5	730	5.7
Hawkeye	0	1	15	39	117	224	185	0	581	4.6
Eastern Iowa	0	10	25	41	143	409	308	0	936	7.4
Kirkwood	39	93	71	106	307	715	475	12	1,818	14.3
Des Moines Area	8	77	84	153	358	824	657	0	2,161	17.0
Western Iowa Tech	1	21	22	37	130	271	201	3	686	5.4
Iowa Western	3	284	94	73	155	292	194	0	1,095	8.6
Southwestern	0	8	18	18	57	110	72	0	283	2.2
Indian Hills	0	193	46	40	108	281	179	0	847	6.7
Southeastern	0	4	10	36	78	223	141	0	492	3.9
<b>Total</b>	<b>61</b>	<b>977</b>	<b>605</b>	<b>785</b>	<b>2,034</b>	<b>4,784</b>	<b>3,420</b>	<b>44</b>	<b>12,710</b>	<b>100.0</b>
<b>% of Total</b>	<b>0.5</b>	<b>7.7</b>	<b>4.8</b>	<b>6.2</b>	<b>16.0</b>	<b>37.6</b>	<b>26.9</b>	<b>0.3</b>	<b>100.0</b>	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

**Table 16-20. Employees by Age and College 2010**

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	0	49	54	41	105	309	248	0	806	5.9
North Iowa Area	2	27	17	28	73	208	168	0	523	3.9
Iowa Lakes	4	38	35	39	87	243	205	29	680	5.0
Northwest	0	3	7	20	51	105	85	0	271	2.0
Iowa Central	2	130	92	90	177	278	170	3	942	6.9
Iowa Valley	4	28	42	64	106	268	197	0	709	5.2
Hawkeye	0	5	20	45	127	239	210	0	646	4.8
Eastern Iowa	0	9	31	59	155	423	328	0	1,005	7.4
Kirkwood	55	144	120	119	389	891	570	25	2,313	17.0
Des Moines Area	5	64	93	149	383	847	709	0	2,250	16.6
Western Iowa Tech	0	3	17	38	120	269	174	0	621	4.6
Iowa Western	5	325	98	85	164	300	212	0	1,189	8.8
Southwestern	0	8	13	26	45	127	65	0	284	2.1
Indian Hills	0	142	51	40	102	279	186	0	800	5.9
Southeastern	0	3	14	35	93	230	156	0	531	3.9
<b>Total</b>	<b>77</b>	<b>978</b>	<b>704</b>	<b>878</b>	<b>2,177</b>	<b>5,016</b>	<b>3,683</b>	<b>57</b>	<b>13,570</b>	<b>100.0</b>
<b>% of Total</b>	<b>0.6</b>	<b>7.2</b>	<b>5.2</b>	<b>6.5</b>	<b>16.0</b>	<b>37.0</b>	<b>27.1</b>	<b>0.4</b>	<b>100.0</b>	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

**Table 16-21. Employees by Age and College 2011**

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	0	14	27	27	99	269	228	2	666	4.8
North Iowa Area	2	15	22	28	65	215	166	0	513	3.7
Iowa Lakes	5	45	39	49	89	222	198	32	679	4.9
Northwest	6	18	5	21	48	114	91	1	304	2.2
Iowa Central	5	144	91	83	141	245	115	2	826	6.0
Iowa Valley	4	49	42	46	116	242	215	1	715	5.2
Hawkeye	0	14	39	53	133	243	190	0	672	4.9
Eastern Iowa	0	6	29	62	172	424	357	0	1,050	7.6
Kirkwood	17	174	118	150	424	837	601	1	2,322	16.9
Des Moines Area	5	64	110	160	394	891	752	0	2,376	17.3
Western Iowa Tech	0	2	19	46	130	285	186	0	668	4.9
Iowa Western	3	331	105	94	178	298	230	0	1,239	9.0
Southwestern	0	13	14	21	45	130	75	0	298	2.2
Indian Hills	6	192	68	55	108	294	190	0	913	6.6
Southeastern	0	1	17	26	86	240	159	0	529	3.8
<b>Total</b>	<b>53</b>	<b>1,082</b>	<b>745</b>	<b>921</b>	<b>2,228</b>	<b>4,949</b>	<b>3,753</b>	<b>39</b>	<b>13,770</b>	<b>100.0</b>
<b>% of Total</b>	<b>0.4</b>	<b>7.9</b>	<b>5.4</b>	<b>6.7</b>	<b>16.2</b>	<b>35.9</b>	<b>27.3</b>	<b>0.3</b>	<b>100.0</b>	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

**Table 16-22. Employees by Age and College 2012**

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	1	25	39	34	110	276	239	0	724	5.2
North Iowa Area	3	12	21	24	64	194	174	0	492	3.5
Iowa Lakes	6	39	42	42	105	227	221	2	684	4.9
Northwest	2	34	7	18	54	106	90	0	311	2.2
Iowa Central	5	129	99	97	191	339	221	1	1,082	7.7
Iowa Valley	5	46	52	44	126	246	222	0	741	5.3
Hawkeye	0	20	37	51	134	247	207	0	696	5.0
Eastern Iowa	0	5	20	62	172	413	364	0	1,036	7.4
Kirkwood	0	104	85	149	403	750	527	0	2,018	14.4
Des Moines Area	4	68	100	151	424	879	784	0	2,410	17.2
Western Iowa Tech	0	2	23	44	127	290	205	0	691	4.9
Iowa Western	6	361	100	95	194	307	217	1	1,281	9.1
Southwestern	4	12	18	22	41	130	71	0	298	2.1
Indian Hills	35	192	72	55	127	314	196	0	991	7.1
Southeastern	0	10	20	24	100	238	171	0	563	4.0
<b>Total</b>	<b>71</b>	<b>1,059</b>	<b>735</b>	<b>912</b>	<b>2,372</b>	<b>4,956</b>	<b>3,909</b>	<b>4</b>	<b>14,018</b>	<b>100.0</b>
<b>% of Total</b>	<b>0.5</b>	<b>7.6</b>	<b>5.2</b>	<b>6.5</b>	<b>16.9</b>	<b>35.4</b>	<b>27.9</b>	<b>0.0</b>	<b>100.0</b>	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

**Table 16-23. Employees by Age and College**

**2013**

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	0	6	19	35	93	253	249	0	655	4.5
North Iowa Area	3	23	23	34	74	174	175	0	506	3.4
Iowa Lakes	6	42	34	33	102	201	216	5	639	4.4
Northwest	3	35	11	18	58	109	84	0	318	2.2
Iowa Central	3	128	88	86	208	330	220	2	1,065	7.3
Iowa Valley	11	56	56	43	122	236	235	0	759	5.2
Hawkeye	1	20	41	60	152	243	215	0	732	5.0
Eastern Iowa	0	5	12	51	159	415	370	0	1,012	6.9
Kirkwood	12	402	198	205	497	833	603	1	2,751	18.8
Des Moines Area	1	58	87	143	415	881	798	0	2,383	16.2
Western Iowa Tech	0	2	21	37	131	288	206	0	685	4.7
Iowa Western	8	373	88	121	221	309	202	0	1,322	9.0
Southwestern	2	7	16	24	56	122	77	0	304	2.1
Indian Hills	20	211	65	58	145	293	206	0	998	6.8
Southeastern	0	10	14	24	97	216	181	0	542	3.7
<b>Total</b>	<b>70</b>	<b>1,378</b>	<b>773</b>	<b>972</b>	<b>2,530</b>	<b>4,903</b>	<b>4,037</b>	<b>8</b>	<b>14,671</b>	<b>100.0</b>
<b>% of Total</b>	<b>0.5</b>	<b>9.4</b>	<b>5.3</b>	<b>6.6</b>	<b>17.2</b>	<b>33.4</b>	<b>27.5</b>	<b>0.1</b>	<b>100.0</b>	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

**Table 16-24. Employees by Race/Ethnicity and College**

College	2009					No Response	Total	% of Total
	American Indian	Asian	Black	Hispanic	White			
Northeast	1	0	1	2	617	60	681	5.4
North Iowa Area	0	0	8	3	506	70	587	4.6
Iowa Lakes	1	3	1	3	580	73	661	5.2
Northwest	0	2	1	2	250	5	260	2.0
Iowa Central	3	15	41	16	774	42	891	7.0
Iowa Valley	4	4	9	30	643	40	730	5.7
Hawkeye	1	5	30	6	533	6	581	4.6
Eastern Iowa	5	17	34	28	848	4	936	7.4
Kirkwood	5	17	59	27	1,438	272	1,818	14.3
Des Moines Area	7	59	65	37	1,893	100	2,161	17.0
Western Iowa Tech	2	10	2	13	530	129	686	5.4
Iowa Western	1	18	36	13	708	319	1,095	8.6
Southwestern	0	0	0	3	280	0	283	2.2
Indian Hills	0	4	6	23	812	2	847	6.7
Southeastern	6	0	11	9	464	3	493	3.9
<b>Total</b>	<b>36</b>	<b>154</b>	<b>304</b>	<b>215</b>	<b>10,876</b>	<b>1,125</b>	<b>12,710</b>	<b>100.0</b>
<b>% of Total</b>	<b>0.3</b>	<b>1.2</b>	<b>2.4</b>	<b>1.7</b>	<b>85.6</b>	<b>8.9</b>	<b>100.0</b>	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

**Table 16-25. Employees by Race/Ethnicity and College**

College	2010					More than one race	No Response	Total	% of Total
	American Indian	Asian/Pacific Islander	Black	Hispanic	White				
Northeast	0	2	2	4	705	1	92	806	5.9
North Iowa Area	0	1	5	2	471	0	44	523	3.9
Iowa Lakes	0	2	1	4	570	0	103	680	5.0
Northwest	0	0	1	2	255	2	11	271	2.0
Iowa Central	2	17	47	16	849	2	9	942	6.9
Iowa Valley	2	1	10	32	620	0	44	709	5.2
Hawkeye	1	7	27	9	597	2	3	646	4.8
Eastern Iowa	4	17	31	31	913	0	9	1,005	7.4
Kirkwood	8	19	87	37	1,602	0	560	2,313	17.0
Des Moines Area	9	56	68	44	1,989	7	77	2,250	16.6
Western Iowa Tech	5	9	1	12	474	0	120	621	4.6
Iowa Western	3	8	61	24	843	6	244	1,189	8.8
Southwestern	0	1	1	6	276	0	0	284	2.1
Indian Hills	2	3	15	18	758	1	3	800	5.9
Southeastern	1	0	10	9	502	4	5	531	3.9
<b>Total</b>	<b>37</b>	<b>143</b>	<b>367</b>	<b>250</b>	<b>11,424</b>	<b>25</b>	<b>1,324</b>	<b>13,570</b>	<b>100.0</b>
<b>% of Total</b>	<b>0.3</b>	<b>1.1</b>	<b>2.7</b>	<b>1.8</b>	<b>84.2</b>	<b>0.2</b>	<b>9.8</b>	<b>100.0</b>	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond. "More than one" race reporting started in 2010.

**Table 16-26. Employees by Race/Ethnicity and College**

**2011**

College	American Indian	Asian/Pacific Islander	Black	Hispanic	White	More than one race	No Response	Total	% of Total
Northeast	0	2	6	4	599	0	55	666	4.8
North Iowa Area	0	1	6	3	470	0	33	513	3.7
Iowa Lakes	0	5	1	3	554	0	116	679	4.9
Northwest	0	0	0	1	289	2	12	304	2.2
Iowa Central	2	16	60	12	718	2	16	826	6.0
Iowa Valley	5	2	9	26	633	0	40	715	5.2
Hawkeye	1	9	31	9	621	1	0	672	4.9
Eastern Iowa	2	21	38	31	942	0	16	1,050	7.6
Kirkwood	8	31	61	35	1,805	0	382	2,322	16.9
Des Moines Area	8	57	71	42	2,119	14	65	2,376	17.3
Western Iowa Tech	4	11	1	14	495	2	141	668	4.9
Iowa Western	7	12	72	31	910	9	198	1,239	9.0
Southwestern	0	1	2	3	292	0	0	298	2.2
Indian Hills	4	8	23	24	847	0	7	913	6.6
Southeastern	2	2	10	7	503	5	0	529	3.8
<b>Total</b>	<b>43</b>	<b>178</b>	<b>391</b>	<b>245</b>	<b>11,797</b>	<b>35</b>	<b>1,081</b>	<b>13,770</b>	<b>100.0</b>
<b>% of Total</b>	<b>0.3</b>	<b>1.3</b>	<b>2.8</b>	<b>1.8</b>	<b>85.7</b>	<b>0.3</b>	<b>7.9</b>	<b>100.0</b>	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond."More than one" race reporting started in 2010.

**Table 16-27. Employees by Race/Ethnicity and College**

**2012**

College	American Indian	Asian/Pacific Islander	Black	Hispanic	White	More than one race	No Response	Total	% of Total
Northeast	0	2	4	5	647	31	35	724	5.2
North Iowa Area	0	1	6	3	442	0	40	492	3.5
Iowa Lakes	0	4	2	2	541	2	133	684	4.9
Northwest	1	0	0	1	296	1	12	311	2.2
Iowa Central	1	19	91	18	922	3	28	1,082	7.7
Iowa Valley	2	4	6	27	658	4	40	741	5.3
Hawkeye	1	11	31	7	645	1	0	696	5.0
Eastern Iowa	3	21	30	30	935	0	17	1,036	7.4
Kirkwood	5	23	36	36	1,619	0	299	2,018	14.4
Des Moines Area	5	58	73	47	2,148	21	58	2,410	17.2
Western Iowa Tech	5	11	2	14	578	2	79	691	4.9
Iowa Western	7	12	72	40	973	6	171	1,281	9.1
Southwestern	0	2	0	3	293	0	0	298	2.1
Indian Hills	6	9	22	33	919	1	1	991	7.1
Southeastern	1	2	12	8	531	9	0	563	4.0
<b>Total</b>	<b>37</b>	<b>179</b>	<b>387</b>	<b>274</b>	<b>12,147</b>	<b>81</b>	<b>913</b>	<b>14,018</b>	<b>100.0</b>
<b>% of Total</b>	<b>0.3</b>	<b>1.3</b>	<b>2.8</b>	<b>2.0</b>	<b>86.7</b>	<b>0.6</b>	<b>6.5</b>	<b>100.0</b>	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond."More than one" race reporting started in 2010.

**Table 16-28. Employees by Race/Ethnicity and College**

College	2013						No Response	Total	% of Total
	American Indian	Asian/Pacific Islander	Black	Hispanic	White	More than one race			
Northeast	0	2	3	4	642	0	4	655	4.5
North Iowa Area	0	3	5	1	455	0	42	506	3.4
Iowa Lakes	0	1	5	2	577	0	54	639	4.4
Northwest	1	1	0	2	301	1	12	318	2.2
Iowa Central	3	18	91	19	910	2	22	1,065	7.3
Iowa Valley	5	4	9	28	658	4	51	759	5.2
Hawkeye	1	12	37	8	672	1	1	732	5.0
Eastern Iowa	4	21	36	27	908	0	16	1,012	6.9
Kirkwood	7	49	76	64	2,248	12	295	2,751	18.8
Des Moines Area	5	56	77	50	2,124	22	49	2,383	16.2
Western Iowa Tech	6	13	4	17	621	3	21	685	4.7
Iowa Western	8	14	101	58	1,053	10	78	1,322	9.0
Southwestern	0	3	1	3	297	0	0	304	2.1
Indian Hills	5	9	28	37	916	3	0	998	6.8
Southeastern	1	3	9	11	508	10	0	542	3.7
<b>Total</b>	<b>46</b>	<b>209</b>	<b>482</b>	<b>331</b>	<b>12,890</b>	<b>68</b>	<b>645</b>	<b>14,671</b>	<b>100.0</b>
<b>% of Total</b>	<b>0.3</b>	<b>1.4</b>	<b>3.3</b>	<b>2.3</b>	<b>87.9</b>	<b>0.5</b>	<b>4.4</b>	<b>100.0</b>	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond. "More than one" race reporting started in 2010.

**Table 16-29. Employees by Gender and College**

College	2009		2010		2011		2012		2013	
	Male	Female								
Northeast	177	504	237	569	201	464	218	506	204	451
North Iowa Area	274	314	239	283	221	288	204	285	222	281
Iowa Lakes	210	420	219	432	238	441	228	456	220	419
Northwest	101	158	107	164	130	174	129	182	132	186
Iowa Central	446	445	492	450	471	355	550	532	524	541
Iowa Valley	290	440	271	438	287	428	299	441	317	442
Hawkeye	233	348	250	392	246	426	259	437	271	461
Eastern Iowa	348	588	382	623	397	653	388	648	384	628
Kirkwood	733	1,032	1,025	1,282	967	1,355	864	1,154	1,164	1,585
Des Moines Area	971	1,190	1,003	1,247	1,041	1,335	1,043	1,367	1,028	1,355
Western Iowa Tech	281	405	258	363	275	393	287	404	290	395
Iowa Western	448	647	521	668	546	693	570	711	578	744
Southwestern	104	179	107	177	111	187	105	193	111	193
Indian Hills	331	516	303	497	339	574	378	613	395	603
Southeastern	169	323	187	344	196	333	211	352	188	354
<b>Total</b>	<b>5,116</b>	<b>7,509</b>	<b>5,601</b>	<b>7,929</b>	<b>5,666</b>	<b>8,099</b>	<b>5,733</b>	<b>8,281</b>	<b>6,028</b>	<b>8,638</b>

Note: Unknowns were not included in the table. Unknowns in fiscal year 2009, 85 (0.7%), fiscal year 2010, 40 (0.3%);fiscal year 2011, 5 (0.04%); fiscal year 2012, 4 (0.03%); fiscal year 2013, 5 (0.03%).





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